

Managed PoE Midspan Solution for Standard Network Infrastructure

ALTRONIX



The Managed Midspans provide power and pass data for PoE-compliant cameras/edge devices. Cameras/edge devices may be located up to 100 m (328 ft.) from the NetWay unit. A NetWayXT repeater module can be utilized to extend the distance an additional 100 m (328 ft.) for a total range of up to 200 m (656 ft.). A maximum range of 600 m (1,968 ft.) is possible using multiple repeaters, based on camera/device port requirement. NetWay Managed Midspans are capable of supporting non-PoE-compliant fixed and PTZ IP cameras utilizing NetWay1512 adapters.

FEATURES

- Eight or 16 ports of cameras/edge devices over Ethernet (Cat 5) cable up to a distance of 100 m (328 ft.) per port
- Unit provides up to 30 W max. full power per port
- IEEE 802.3af (PoE) and IEEE 802.3at (PoE +) compliant
- Programmable PoE shutdown for each port. This feature is utilized to reset cameras/edge devices
- LAN or laptop connection enables programming of PoE shutdown and port monitoring
- User interface
- 1U rack-mount enclosure can be rack or shelf mounted

SINGLE-PORT MIDSPAN POE INJECTOR

Includes PoE shutdown feature.

Anixter No.	Vendor No.	Description
393056	NETWAY1	One PoE-compliant port rated at 15.4 W IEEE 802.3af, compact insulated housing
504824	NETWAY1E	One PoE-compliant provides PoE per IEEE 802.3af or PoE + per IEEE 802.3at

MANAGED MIDSPAN

Each port provides PoE per IEEE 802.3af or PoE + per IEEE 802.3at. Includes PoE shutdown selectable by port, Ethernet port facilitates programming and status monitoring via laptop or LAN, 1U EIA 19 in. rack-mount chassis, 115 V AC input, UL/C(UL) Listed (UL 60950-1), UL Listed (UL 294).

Anixter No.	Vendor No.	Description
449459	NETWAY8M	8-port - total power 150 W
449455	NETWAY16M	16-port - total power 300 W

ACCESSORIES

Anixter No.	Vendor No.	Description
393059	NETWAY1512	12 V DC/13 W NetWay midspan adapter for IP cameras and devices
393060	NETWAY3012	12 V DC/25 W NetWay midspan adapter for IP cameras and devices
393061	NETWAYXT	Repeater extends Ethernet and PoE an additional 100 m (328 ft.)

Ethernet over Coax Solution

ALTRONIX



eBridge Ethernet Adapters transmit IP video and data more than 2,000 ft. without repeaters over existing coaxial cable - with the highest signal integrity and cost-efficiency. So you can easily upgrade legacy coax infrastructure with advanced IP cameras and devices. With eBridge each coaxial cable can support an IP camera with composite video and data simultaneously or multiple IP cameras with an Ethernet switch.

FEATURES

- Transmits IP video/data over existing coax cable up to 2,000 ft. without repeaters
- Allows easy upgrade of legacy coax infrastructure
- Accommodates individual IP cameras with composite video or multiple IP cameras over a single coax cable
- Throughput is rated to pass 25 Mbps

Anixter No.	Vendor No.	Description
490623	EBRIDGE1CR	Ethernet over Coax receiver, Ethernet distance up to 328 ft., coax distance up to 1,500 ft.
490622	EBRIDGE1CT	Ethernet over Coax transceiver, Ethernet distance up to 328 ft., coax distance up to 1,500 ft.
509573	EBRIDGE1CRT	Ethernet over Coax receiver and transceiver kit
509575	EBRIDGE4CR	4-port Ethernet over Coax receiver, Ethernet distance up to 328 ft., coax distance up to 1,500 ft.
509576	EBRIDGE16CR	16-port Ethernet over Coax receiver, Ethernet distance 328 ft., coax distance up to 1,500 ft.

Power Supplies and Protection

Altronix

Video Surveillance UPS

ALTRONIX



ReServ video surveillance UPS units are designed to simultaneously provide power for 12 V DC and/or 24 V AC cameras during normal or power outage conditions. True sine wave regulated AC output.

FEATURES

- Input 115 V AC
- Built-in charger for sealed lead acid or gel-type batteries
- Automatic switchover to stand-by battery when AC fails
- Low-voltage input and shutdown LED indicators
- AC fail supervision, low battery supervision (Form "C" contacts)
- True sine wave regulated AC output
- Power ON/OFF switch

VIDEO SURVEILLANCE UPS

Anixter No.	Vendor No.
393062	RESERV1

Description

Twelve 24 V AC true sine wave and four 12 V DC regulated fused outputs, 24 V AC @ 4 amp and 12 V DC @ 2 amp total current, encl. 13.5 in. H x 13 in. W x 3.25 in. D, accommodates up to two 12 V DC/7 Ah batteries

419528	RESERV2
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Sixteen 24 V AC true sine wave PTC outputs, 4 amp total current, encl. 13.5 in. H x 13 in. W x 3.25 in. D, accommodates up to two 12 V DC/7 Ah batteries

434452	RESERV3
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Sixteen 12 V DC true sine wave PTC outputs, 8 amp total current, encl. 13.5 in. H x 13 in. W x 3.25 in. D, accommodates up to two 12 V DC/7 Ah batteries

434453	RESERV3WP
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Sixteen 12 V DC true sine wave PTC outputs, 8 amp total current, NEMA 4 IP66 rated encl. 17.5 in. H x 12 in. W x 6.625 in. D, accommodates up to two 12 V DC/12 Ah batteries, 115 V AC input

OUTDOOR VIDEO SURVEILLANCE UPS

With NEMA 4 IP66 rated encl. 17.5 in. H x 12 in. W x 6.625 in. D, accommodates up to two 12 V DC/12 Ah batteries.

Anixter No.	Vendor No.
419532	RESERV1WP

Description

Eight 24 V AC true sine wave and four 12 V DC regulated fused outputs, 24 V AC @ 4 amp and 12 V DC @ 2 amp total current

424080	RESERV2WP
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Sixteen 24 V AC true sine wave PTC outputs, 4 amp total current

504831	RESERV4WP
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Two 24 V AC true sine wave and two 12 V DC regulated fused outputs, 24 V AC @ 4 amp and 12 V DC @ 1 amp total current

DC CCTV Power Supplies

ALTRONIX



Altronix SAV power supplies provide 12 V DC distributed via four, nine, 18 or 36 PTC protected outputs for powering surveillance cameras.

FEATURES

- UL/C(UL) Listed for Commercial CCTV Equipment (UL 2044)
- 115/230 V AC input
- PTC outputs
- Short circuit and thermal overload protection
- Unit maintains camera synchronization
- Three-wire line cord with integral strain relief (115 V AC)
- Ease of installation saves time and eliminates costly labor

12 V DC AT 5 AMP, ENCL. 8.5 IN. H X 7.5 IN. W X 3.75 IN. D

Anixter No.	Vendor No.
393063	SAV4D
392961	SAV9D
392962	SAV18D

Description

Four-output CCTV power supply
Nine-output CCTV power supply
18-output CCTV power supply

12 V DC AT 11 AMP, ENCL. 13.5 IN. H X 13 IN. W X 3.25 IN. D

Anixter No.	Vendor No.
393066	SAV182D
393067	SAV36D

Description

18-output CCTV power supply
36-output CCTV power supply

Maximal Access Power Controllers

ALTRONIX



Maximal Access Power Controllers interface with access control panels and route power to a variety of access control devices including: mag locks, electric strikes, door holders, card readers, biometrics, etc. 16 independently trigger controlled "wet" or "dry" outputs are individually programmable for fire alarm disconnect. Unit provides 12 V DC over 16 outputs, 24 V DC over 16 outputs, or 12 V DC over eight outputs and 24 V DC over eight outputs via one or two on-board power supplies. Includes built-in battery charger and AC fail, low battery and battery presence supervision.

FEATURES

- UL/C(UL) Listed for access control (UL 294)
- Input 115 V AC 60 Hz
- 12 V DC or 24 V DC selectable operation
- 16 access control inputs
- 16 independently controlled outputs
- 16 auxiliary power outputs (unswitched)
- Fire alarm disconnect (latching or non-latching) selectable by output
- AC input and DC output LED indicators
- Power supply 1 and 2: 8 fused protected Fail-Safe/Fail-Secure outputs
- For PTC protected outputs add suffix "D" to the part number (ex. Maxim33D)

Anixter No.	Vendor No.	Description
340087	MAXIMAL33	Power supply 1: 5.5 amp @ 12 V DC or 5.7 amp @ 24 V DC. Power supply 2: 5.5 amp @ 12 V DC or 5.7 amp @ 24 V DC
340092	MAXIMAL55	Power supply 1: 9.5 amp @ 12 V DC. Power supply 2: 9.5 amp @ 12 V DC
340094	MAXIMAL75	Power supply 1: 9.7 amp @ 24 V DC. Power supply 2: 9.5 amp @ 12 V DC
340096	MAXIMAL77	Power supply 1: 9.7 amp @ 24 V DC. Power supply 2: 9.7 amp @ 24 V DC

Maximal Expandable Power Systems

ALTRONIX



Maximal power supply/chargers provide system designers and installers with "maximum" power choices with the highest level of versatility. Optional Altronix field installable sub-assemblies provide multiple outputs and a wide range of features for specific access control and fire alarm applications. They provide 12 V DC, 24 V DC, or 12 V DC and 24 V DC simultaneously via two single output power supply/chargers.

FEATURES

- UL/C(UL) Listed for access control (UL 294)
- Input 115 V AC
- Filtered and electronically regulated outputs
- Short circuit and thermal overload protection
- Built-in charger for sealed lead acid or gel-type batteries
- Automatic switchover to stand-by battery when AC fails
- AC input and DC output LED indicators
- AC fail, low battery and battery presence supervision
- Fits up to four 12 V DC/12 Ah batteries
- Enclosure dimensions: 26 in. H x 19 in. W x 6.25 in. D

Anixter No.	Vendor No.	Description
340105	MAXIMAL33E	Power supply 1: 6 amp @ 12 V DC or 24 V DC. Power supply 2: 6 amp @ 12 V DC or 24 V DC
340106	MAXIMAL35E	Power supply 1: 6 amp @ 12 V DC or 24 V DC. Power supply 2: 10 amp @ 12 V DC
340107	MAXIMAL37E	Power supply 1: 6 amp @ 12 V DC or 24 V DC. Power supply 2: 10 amp @ 24 V DC
340108	MAXIMAL55E	Power supply 1: 10 amp @ 12 V DC. Power supply 2: 10 amp @ 12 V DC
340109	MAXIMAL75E	Power supply 1: 10 amp @ 12 V DC. Power supply 2: 10 amp @ 24 V DC
340113	MAXIMAL77E	Power supply 1: 10 amp @ 24 V DC. Power supply 2: 10 amp @ 24 V DC

Power Supplies and Protection

Altronix

Strikelt Panic Device Power Controllers

ALTRONIX



The Strikelt units are a comprehensive power solution for installations where single or multiple DORMA, Dor-O-MATIC, VON DUPRIN and similar panic hardware locking devices are required.

FEATURES

- UL/C(UL) Listed for access control (UL 294)
- MEA and CSFM Approved
- Built-in charger for sealed lead acid or gel-type batteries
- Automatic switchover to stand-by battery when AC fails
- Strikelt1: Fits two 12 V DC/7 Ah batteries. Strikelt2: Fits two 12 V DC/4 Ah batteries

Anixter No.	Vendor No.
340114	STRIKEIT1

Description

Two 24 V DC individually or simultaneously controlled lock outputs, FACP trigger input, programmable timed lock release from 1 second to 30 seconds, two delayed follower relays control automatic door operators that are locked or for doors that are unlocked during the business day, two follower relays to trigger external relays, ADA push plate switches, etc., two regulated auxiliary outputs, two programmable fire alarm disconnect options

424082	STRIKEIT2
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One 24 V DC controlled lock output, one regulated auxiliary output

Hubway Passive UTP Transceiver Hub with Integral Camera Power

ALTRONIX



Units transmit UTP video, RS-422/RS-485 data and power over a single Cat 5 structured cable. Video and data transmission range is up to 750 ft. max. per channel. 24 V AC or 28 V AC power is selectable by output to compensate for voltage drop.

FEATURES

- 115 V AC input
- UL Listed (UL 2044), C(UL) Listed
- Quality video up to 750 ft.
- PTC protected outputs
- Individually selectable 24 V AC or 28 V AC camera channel power outputs with OFF position
- Compatible with 24 V AC and 12 V DC fixed or PTZ cameras (Use HubWayAv, HubWayAv2, HubWayDv and HubWayDvi video balun/combiners)
- Power LED indicators
- Illuminated master power switch
- IEC 320 - three-wire grounded line cord (detachable)
- Compact 1U rack-mount chassis - fits standard EIA 19 in. rack

Anixter No.	Vendor No.	Description
393086	HUBWAY8CD	8-channel - 5 amp total current
393068	HUBWAY16CD	16-channel - 10 amp total current

Active UTP Transceiver Hub with Integral Camera Power

ALTRONIX



Units transmit UTP video, RS-422/RS-485 data and power over a single Cat 5 structured cable. Video and data transmission range is up to 5,000 ft. max. per channel. 24 V AC or 28 V AC power is selectable by output to compensate for voltage drop.

FEATURES

- 115/230 V AC input
- Video/data up to one mile
- Individually selectable 24 V AC or 28 V AC camera channel power outputs with OFF position
- Compatible with 24 V AC and 12 V DC fixed or PTZ cameras (Use HubWayAv2, HubWayDv and HubWayDvi video balun/combiners)
- Picture quality and gain control
- Video signal and power LED indicators
- Illuminated master power switch
- IEC 320 - three-wire grounded line cord (detachable)
- Compact 1U rack-mount chassis - fits standard EIA 19 in. rack
- UL Listed (UL 2044), C(UL) Listed

Anixter No.	Vendor No.	Description
424083	HUBWAYEX16SP	16-channel - 16 amp total current, individually selectable 24 V AC or 28 V AC isolated PTC outputs

Active UTP Transceiver Hub

ALTRONIX



Units transmit UTP video, RS-422/RS-485 data and power over a single Cat 5 structured cable. Video and data transmission range is up to one mile max. per channel.

FEATURES

- 115/230 V AC input
- Video/data up to one mile
- Automatic picture and gain control
- Automatic correction for reverse polarity
- Video signal and power LED indicators
- Illuminated master power switch
- IEC 320 - three-wire grounded line cord (detachable)
- Compact 1U rack-mount chassis - fits standard EIA 19 in. rack
- UL Listed (UL 2044), C(UL) Listed

Anixter No.	Vendor No.	Description
424106	HUBWAYEX16S	16-channel

UTP Power Injector

ALTRONIX



The HubWayEXP UTP Power Injector is used to inject power and transmit video from up to four cameras over a single Cat 5 or higher structured cable back to the HubWayEX16/HubWayEX32.

FEATURES

- 115/230 V AC input
- 16-channel isolated camera power injector
- 16 amp total output current (1 amp per channel)
- Individually selectable 24 V AC or 28 V AC camera channel power outputs with OFF position
- Compatible with 24 V AC and 12 V DC fixed or PTZ cameras (Use HubWayAv2, HubWayDv and HubWayDvi video balun/combiners)
- IEC 320 - three-wire grounded line cord (detachable)
- Compact 1U rack-mount chassis - fits standard EIA 19 in. rack
- UL Listed (UL 2044), C(UL) Listed

Anixter No.	Vendor No.	Description
424115	HUBWAYEXP	16 UTP power injector - individually selectable 24 V AC or 28 V AC isolated PTC outputs

HubWayAv2, HubWayDv and HubWayDvi Video Balun/Combiners

ALTRONIX



HubWayAv2, HubWayDv or HubWayDvi Video Balun/Combiners interface with HubWay and HubSat UTP Transceiver Hubs.

HUBWAYAV

24 V AC/28 V AC video balun/data/power combiner.

Anixter No.	Vendor No.	Description
491493	HUBWAYAV2	For 24 V AC/12 V DC fixed or PTZ cameras (based on power supply selection)

HUBWAYDV

12 V DC video balun/data/power combiner.

Anixter No.	Vendor No.	Description
370268	HUBWAYDV	For 12 V DC fixed or PTZ

HUBWAYDVI

12 V DC video balun/data/power combiner.

Anixter No.	Vendor No.	Description
393090	HUBWAYDVI	Video balun/combiner for non-isolated 12 V DC cameras

Active UTP Transceiver Hub

ALTRONIX



The Altronix HubWayEX16/HubWayEX32 Active UTP Transceiver Hub transmits UTP video and RS-422/RS-485 data over a single Cat 5 or higher structured cable. Unit provides for 16 or 32 cameras in a space-saving 1U EIA 19 in. rack-mount chassis which may be rack-, wall- or shelf-mounted. Units are compatible with fixed or PTZ cameras. An optional HubWayEXP UTP Power Injector can be used to inject power and transmit video from up to four cameras over a single Cat 5 or higher structured cable back to the HubWayEX16/HubWayEX32.

FEATURES

- Automatic picture and gain control
- Automatic correction for reverse polarity
- Video signal LED indicators
- Illuminated master power switch
- 115 V AC or 230 V AC 50/60 Hz input

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Power Supplies and Protection

Altronix

(continued) Active UTP Transceiver Hub

- IEC 320 three-wire grounded line cord (detachable)
- Video/data up to one mile, per channel
- UL Listed (UL 2044) and C(UL) Listed

Anixter No.	Vendor No.	Description
424124	HUBWAYEX16	Four grouped channels of video
424126	HUBWAYEX32	Eight grouped channels of video

Passive UTP Transceiver Hub with Integral Camera Power

ALTRONIX



These remote accessory modules link to HubWay passive and active UTP transceiver hubs and transmit video from up to four cameras over a single Cat 5 structured cable. They provide local power to cameras which eliminates voltage drop due to long cable runs. Unit can be utilized as a stand-alone passive UTP transceiver hub with integral camera power.

FEATURES

- UL Listed for U.S. and Canadian installations
- Quality video/data transmission up to 750 ft. max. per channel
- Individually selectable 24 V AC or 28 V AC PTC power outputs with OFF position
- Compatible with 24 V AC and 12 V DC fixed or PTZ cameras (Use HubWayAv, HubWayAv2, HubWayDv and HubWayDvi video balun/combiners)
- Power LED indicators
- Video/data up to 750 ft.
- 115 V AC input
- UL Listed (UL 2044), C(UL) Listed

Anixter No.	Vendor No.	Description
393080	HUBSAT4D	4-channel - 4 amp total current, encl. 8.5 in. H x 7.5 in. W x 3.5 in. D
393083	HUBSAT8D	8-channel - 4 amp total current, encl. 13.5 in. H x 13 in. W x 3.25 in. D

Four Output AC CCTV Power Supplies

ALTRONIX



ALTV244 CCTV Series power supplies are designed with four individually fused or PTC protected outputs for powering CCTV cameras and other video accessories.

FEATURES

- Input 115 V AC
- 24 V AC or 28 V AC output
- Four individually fused outputs
- Surge suppression

Anixter No.	Vendor No.	Description
231034	ALTV244	24 V AC @ 4 amps or 28 V AC @ 3.5 amps
243361	ALTV244175	24 V AC @ 7.25 amps or 28 V AC @ 6.25 amps
231035	ALTV244300	24 V AC @ 14 amps or 28 V AC @ 12.5 amps

For PTC protected outputs, add suffix "CB" to part number (ex. ALTV244CB).

Eight Output AC CCTV Power Supplies

ALTRONIX



The ALTV248 CCTV Series power supply is designed with eight individually fused or PTC protected outputs to power CCTV cameras and other video accessories.

FEATURES

- Input 115 V AC
- 24 V AC or 28 V AC output
- Eight individually fused outputs
- Surge suppression

Anixter No.	Vendor No.	Description
231036	ALTV248	24 V AC @ 4 amps or 28 V AC @ 3.5 amps
231037	ALTV248300	24 V AC @ 14 amps or 28 V AC @ 12.5 amps
231038	ALTV248600	24 V AC @ 28 amps or 28 V AC @ 25 amps

For PTC protected outputs, add suffix "CB" to part number (ex. ALTV248CB).

Sixteen Output AC CCTV Power Supplies

ALTRONIX



ALTV2416 CCTV Series Power Supplies are designed with 16 individually fused or PTC outputs for powering CCTV cameras and other video accessories.

FEATURES

- Input 115 V AC
- 24 V AC or 28 V AC output
- 16 individually fused protected outputs
- Surge suppression

Anixter No.	Vendor No.	Description
231039	ALTV2416	24 V AC @ 8 amps or 28 V AC @ 7 amps
231040	ALTV2416350	24 V AC @ 14 amps or 28 V AC @ 12.5 amps
274068	ALTV2416600	24 V AC @ 28 amps or 28 V AC @ 25 amps

For PTC protected outputs, add suffix "CB" to part number (ex ALTV2416CB).

Thirty-two Output CCTV Power Supplies

ALTRONIX



ALTV2432 CCTV Series Power Supplies are designed with 32 individually fused or PTC protected outputs for powering CCTV cameras and other video accessories.

FEATURES

- Input 115 V AC
- 24 V AC or 28 V AC output
- 32 individually fused outputs
- Surge suppression
- Power switch and indicator

Anixter No.	Vendor No.	Description
340359	ALTV2432	24 V AC @ 8 amps or 28 V AC @ 7 amps
231042	ALTV2432350	24 V AC @ 14 amps or 28 V AC @ 12.5 amps
274081	ALTV2432600	24 V AC @ 28 amps or 28 V AC @ 25 amps

For PTC protected outputs, add suffix "CB" to part number (ex. ALTV2432CB).

AC CCTV Power Supplies

ALTRONIX



These Altronix UL Listed, C(UL) Listed CCTV Series power supplies are designed with up to 32 individually fused or PTC protected outputs for power CCTV cameras and other video accessories.

FEATURES

- UL/C(UL) Listed for CCTV
- Input 115 V AC
- 24 V AC or 28 V AC output
- Surge suppression
- AC power LED indicator
- Illuminated power disconnect circuit breaker with manual reset (except for ALTV244UL, ALTV248UL and ALTV2416ULX)
- Power on/off switch (ALTV244UL, ALTV248UL and ALTV2416ULX)

FOUR FUSED OUTPUTS

Anixter No.	Vendor No.	Description
240634	ALTV244UL	24 V AC @ 3.5 amps or 28 V AC @ 3 amps
274072	ALTV244175UL	24 V AC @ 7 amps or 28 V AC @ 6.25 amps

EIGHT FUSED OUTPUTS

Anixter No.	Vendor No.	Description
236720	ALTV248UL	24 V AC @ 3.5 amps or 28 V AC @ 3 amps
304826	ALTV248175UL	24 V AC @ 7 amps or 28 V AC @ 6.25 amps
304827	ALTV248300UL	24 V AC @ 12.5 amps or 28 V AC @ 10 amps
304828	ALTV248300ULM	24 V AC @ 12.5 amps or 28 V AC @ 10 amps, small enclosure
304830	ALTV248600UL	24 V AC @ 25 amps or 28 V AC @ 20 amps

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Power Supplies and Protection

Altronix

(continued) AC CCTV Power Supplies

16 FUSED OUTPUTS

Anixter No.	Vendor No.	Description
236719	ALTV2416ULX	24 V AC @ 7 amps or 28 V AC @ 6 amps
304831	ALTV2416300UL	24 V AC @ 12.5 amps or 28 V AC @ 10 amps
304832	ALTV2416300ULM	24 V AC @ 12.5 amps or 28 V AC @ 10 amps, small enclosure
304833	ALTV2416600UL	24 V AC @ 25 amps or 28 V AC @ 20 amps

32 FUSED OUTPUTS

Anixter No.	Vendor No.	Description
304834	ALTV2432300UL	24 V AC @ 12.5 amps or 28 V AC @ 10 amps
304835	ALTV2432600UL	24 V AC @ 25 amps or 28 V AC @ 20 amps

For PTC protected outputs, add "CB" at end of part number. For three-wire line cord, add a "3" suffix to the part number (e.g. ALTV244UL3).

DC CCTV Power Supplies

ALTRONIX



These DC CCTV power supplies provide 6 V DC to 15 V DC distributed via individually fused or PTC protected outputs for powering CCTV cameras and other video accessories.

FEATURES

- UL/C(UL) Listed for CCTV
- 6 V DC to 15 V DC field selectable output
- AC power LED indicator
- Power on/off switch

FOUR FUSED OUTPUTS

Anixter No.	Vendor No.	Description
258188	ALTV615DC4UL	6-15 V DC @ 2.5 amps (use 24 V AC 40 VA or 24 V AC 50 VA plug-in transformer)
304865	ALTV615DC44ULM	6-15 V DC @ 4 amps, small enclosure

EIGHT FUSED OUTPUTS

Anixter No.	Vendor No.	Description
258189	ALTV615DC8UL	6-15 V DC @ 4 amps
304866	ALTV615DC48ULM	6-15 V DC @ 4 amps, small enclosure

16 FUSED OUTPUTS

Anixter No.	Vendor No.	Description
304867	ALTV615DC416UL	6-15 V DC @ 4 amps
304868	ALTV615DC616UL	6-15 V DC @ 6 amps

For PTC protected outputs, add "CB" at end of part number. For three-wire line cord, add a "3" suffix to the part number (e.g. ALTV615DC4UL3).

Eight 24 V AC and Eight 12 V DC Simultaneous Outputs

ALTRONIX



AC/DC dual output power supplies are designed to provide both 12 V DC and 24 V AC outputs where a combination of both AC and DC outputs are required.

FEATURES

- Input 115 V AC
- Surge suppression
- Power on/off switch and indicator

Anixter No.	Vendor No.	Description
231045	ALTV1224C	Eight 24 V AC outputs rated @ 3.5 amps; eight 12 V DC outputs rated @ 3.5 amps
369512	ALTV1224C4	Two 24 V AC outputs rated @ 4 amps; two 12 V DC outputs rated @ 2 amps

AC Rack-mount CCTV Power Supplies

ALTRONIX



These rack-mount CCTV power supplies provide 24 V AC or 28 V AC selectable outputs distributed via eight, 16 or 24 outputs for powering CCTV cameras and other video accessories.

FEATURES

- UL/C(UL) Listed for CCTV
- Input 115 V AC
- Illuminated power disconnect circuit breaker with manual reset
- Removable terminal blocks with locking screw flanges
- Surge suppression
- Individual power LED indicators
- 1U rack-mount chassis designed to fit 19 in. standard rack

EIGHT FUSED OUTPUTS

Anixter No.	Vendor No.	Description
424136	VERTILINE8C	24 V AC or 28 V AC @ 5 amps
424163	VERTILINE83C	24 V AC or 28 V AC @ 10 amps
424178	VERTILINE8I	24 V AC or 28 V AC @ 8 amps, isolated, 115/230 V AC input

16 FUSED OUTPUTS

Anixter No.	Vendor No.	Description
424185	VERTILINE16C	24 V AC or 28 V AC @ 10 amps
424188	VERTILINE166C	24 V AC or 28 V AC @ 14 amps
424192	VERTILINE16I	24 V AC or 28 V AC @ 16 amps, isolated, 115/230 V AC input

24 FUSED OUTPUTS

Anixter No.	Vendor No.	Description
424195	VERTILINE24C	24 V AC or 28 V AC @ 10 amps
424198	VERTILINE246C	24 V AC or 28 V AC @ 14 amps

For PTC protected outputs, add 'D' at end of part number.

DC Rack-mount CCTV Power Supplies

ALTRONIX



These rack-mount CCTV power supplies provide either 12 V DC or 24 V DC outputs distributed via eight or 16 outputs for powering CCTV cameras and other video accessories.

FEATURES

- Input 115 V AC
- Illuminated power disconnect circuit breaker with manual reset
- Removable terminal blocks with locking screw flanges
- Surge suppression
- Individual power LED indicators
- 1U rack-mount chassis designed to fit 19 in. standard rack

EIGHT PTC OUTPUTS

Anixter No.	Vendor No.	Description
424217	VERTILINE3D	12 V DC @ 8 amps
424218	VERTILINE6D	24 V DC @ 8 amps

16 PTC OUTPUTS

Anixter No.	Vendor No.	Description
424219	VERTILINE33D	12 V DC @ 8 amps
424220	VERTILINE33TD	12 V DC @ 16 amps
424221	VERTILINE63D	24 V DC @ 8 amps
424222	VERTILINE63TD	24 V DC @ 16 amps

Outdoor AC CCTV Power Supplies

ALTRONIX



Outdoor UL/C(UL) Listed CCTV power supplies. Units feature three PTC protected outputs rated at 2.5 amp each, one fuse protected output rated at 10 amp (WPTV244175UL) or one fuse protected output rated at 15 amp (WPTV244300UL).

FEATURES

- UL Listed (UL 2044), C(UL) Listed and CE approved
- Input 115 V AC
- Surge suppression
- AC power LED indicator
- Illuminated power disconnect circuit breaker with manual reset
- NEMA 4/IP65 outdoor encl. 12 in. H x 8 in. W x 6 in. D, 115 V AC input

FOUR OUTPUT OUTDOOR CCTV POWER SUPPLY

Anixter No.	Vendor No.	Description
304876	WPTV244175UL	24 V AC @ 7 amps or 28 V AC @ 6.25 amps, three PTC Class 2 power limited outputs rated @ 2.5 amps and one - fused output rated @ 10 amps
304877	WPTV244300UL	24 V AC @ 12.5 amps or 28 V AC @ 10 amps, three PTC Class 2 power limited outputs rated @ 2.5 amps and one - fused output rated @ 15 amps

WayPoint Outdoor AC/DC CCTV Power Supplies 2

ALTRONIX



FEATURES

- CE Approved
- Integral flanges and lightweight design simplifies mounting
- NEMA 4/4X, IP66-11 rated outdoor enclosure with lockable latches

Continued on next page > >

Power Supplies and Protection

Altronix

(continued) WayPoint Outdoor AC/DC CCTV Power Supplies 2

Anixter No.	Vendor No.	Description
453795.	WAYPOINT10A	4 amp @ 24 V AC or 3.5 amp @ 28 V AC or both 24 V AC and 28 V AC not to exceed 3.5 amp max., 115/230 V AC input
507458.	WAYPOINT17A	7.25 amp @ 24 V AC or 6.25 amp @ 28 V AC or both 24 V AC and 28 V AC not to exceed 6.25 amp max., 115/230 V AC input
507459.	WAYPOINT30A	12.5 amp @ 24 V AC or 10 amp @ 28 V AC or both 24 V AC and 28 V AC not to exceed 10 amp max., 115/230 V AC input
507460.	WAYPOINT307A	12.5 amp @ 24 V AC or 10 amp @ 28 V AC or both 24 V AC and 28 V AC not to exceed 10 amp max., 277 V AC input

SINGLE OUTPUT

Anixter No.	Vendor No.	Description
507461	WAYPOINT3	2.5 amp @ 12 V DC or 24 V DC, 115/230 V AC input
507462	WAYPOINT5	4 amp @ 12 V DC or 24 V DC, 115/230 V AC input
507463	WAYPOINT7	6 amp @ 12 V DC or 24 V DC, 115 V AC input

Two Output Power Supply/Charger

ALTRONIX



The AL125UL is a power limited power supply/charger that will convert 115 V AC input into two individually PTC protected 12 V DC or 24 V DC outputs. They are intended for use in applications requiring UL listing for access control (UL 294) and applications requiring an interface with Fire Alarm Control Panels (FACP). It must be installed in accordance with national and local electrical codes and regulations.

FEATURES

- UL Listed for access control (UL 294), C(UL) Listed CSFM and MEA approved, NFPA 101 (Life Safety)
- Input 115 V AC
- Selectable 12 V DC or 24 V DC power limited outputs
- Class 2 Rated power limited outputs
- 1 amp total supply current @ 12 V DC or 24 V DC
- Encl. 8.5 in. H x 7.5 in. W x 3.5 in. D

Anixter No.	Vendor No.	Description
340418	AL125UL	Two output power supply/charger with fire alarm disconnect

Two Output Power Supply/Charger

ALTRONIX



The AL175UL is a power limited power supply/charger that will convert a 115 V AC input into two individually PTC protected 12 V DC or 24 V DC outputs. It is intended for use in applications requiring UL listing for access control (UL 294) and applications requiring an interface with Fire Alarm Control Panels (FACP). It must be installed in accordance with national and local electrical codes and regulations.

FEATURES

- UL Listed for access control (UL 294), C(UL) Listed CSFM and MEA Approved, NFPA 101 (Life Safety)
- Input 115 V AC
- Selectable 12 V DC or 24 V DC power limited outputs
- Class 2 Rated power limited outputs
- 1.75 amps continuous supply current @ 12 V DC or 24 V DC
- Aux relay output
- AC fail supervision

Anixter No.	Vendor No.	Description
231022	AL175UL	12 V DC or 24 V DC @ 1.75 amp continuous
231023	AL175ULX	12 V DC or 24 V DC @ 1.75 amp continuous. Accommodates up to two 7 Ah batteries

Power Supply/Charger Access Control

ALTRONIX



These UL Listed power supply/chargers convert a 115 V AC input to a 12 V DC or 24 V DC output.

FEATURES

- UL Listed, C(UL) Listed, CSFM and MEA approved, NFPA 72 compliant
- 12 V DC or 24 V DC selectable output
- Input 115 V AC
- AC fail and low battery supervision

Anixter No.	Vendor No.	Description
243296	AL300ULX	12 V DC or 24 V DC @ 2.5 amps continuous, Class 2 Rated (UL 603, UL 294, UL 1069, UL 1481)
228609	AL400ULX	12 V DC @ 4 amps continuous, 24 V DC @ 3 amps, Class 2 Rated (UL 603, UL 294, UL 1069, UL 1481)
231028	AL600ULX	12 V DC or 24 V DC @ 6 amps continuous (UL 294, UL 1481)
243295	AL1012ULX	12 V DC @ 10 amps continuous (UL 294)
258184	AL1024ULX	24 V DC @ 10 amps continuous (UL 294, UL 1481)

Triple Voltage Power Supply/Charger

ALTRONIX



These Altronix multi-output access control power supply/chargers are specifically designed for use with access control systems requiring 5 V DC, 12 V DC or 24 V DC. They convert a 115 V AC input into three individually regulated power limited outputs.

FEATURES

- UL Listed (AL400UL3 - UL 294, UL 603, UL 1481, AL600UL3 - UL 294, UL 1481), CSFM and MEA approved, NFPA 72 compliant
- Input 115 V AC
- AC fail and low battery supervision

Anixter No.	Vendor No.	Description
243303	AL400UL3	5 V DC @ 1.75 amps/12 V DC @ 1.75 amps /24 V DC @ 1.5 amps, Class 2 Rated power limited outputs
243305	AL600UL3	5 V DC @ 1.75 amps/12 V DC @ 1.75 amps /24 V DC @ 3 amps, Class 2 Rated power limited outputs (except for 24 V DC)

Five Output Power Supply/Charger with Fire Alarm Disconnect

ALTRONIX



These Altronix multi-output access control power supply/chargers are specifically designed for use with access control systems and accessories. These power supplies convert a 115 V AC input into five individually regulated 12 V DC or 24 V DC power limited outputs. Each output will route power to a variety of access control hardware devices including mag locks, electric strikes, magnetic door holders, etc. These outputs will operate in both Fail-Safe and Fail-Secure modes. Controlled trigger input is achieved through normally open (N.O.) or normally closed (N.C.).

FEATURES

- UL Listed and C(UL) Listed, CSFM and MEA approved, NFPA 72 compliant
- Class 2 Rated power limited outputs
- Input 115 V AC
- Five individual power limited outputs
- Current limit is 2 amps @ 12 V DC or 24 V DC per output
- LEDs indicate condition of power outputs
- Power and input trigger LEDs
- AC fail, DC output, battery fail and battery presence supervision
- Fire alarm panel or access control system trigger inputs
- Power fail supervision relay
- Output relay energizes when unit is triggered

Anixter No.	Vendor No.	Description
240604	AL300ULM	2.5 amps continuous @ 12 V DC or 24 V DC (UL 294, UL 603, UL 1069, UL 1481)
243302	AL400ULM	4 amps, @ 12 V DC or 3 amps, @ 24 V DC (UL 294, UL 603, UL 1069, UL 1481)
243301	AL600ULM	6 amps @ 12/24 V DC (UL 294, UL 1481)
258190	AL1012ULM	10 amps @ 12 V DC (UL 294)
258191	AL1024ULM	10 amps @ 24 V DC (UL 294, UL 1481)

Power Supplies and Protection

Altronix

Access Power Controller

ALTRONIX



These units convert one 12 to 24 V AC or DC input into eight independently controlled fused or PTC protected outputs. These power outputs can be converted to dry Form "C" contacts (ACM8 and ACM8E only). Outputs are activated by an open collector sink or normally open (N.O.) dry trigger input from an access control system, card reader, keypad, push button, PIR, etc. The unit will route power to a variety of access control hardware devices including mag locks, electric strikes, magnetic door holders, etc. Outputs will operate in both Fail-Safe and/or Fail-Secure modes. Units are designed to be powered by one common power source which will provide power for both the board operation and locking devices, or two totally independent power sources, one providing power for board operation and the other for lock/accessory power. The FACP interface enables emergency egress, alarm monitoring or may be used to trigger other auxiliary devices. The fire alarm disconnect feature is individually selectable for any or all of the eight outputs.

FEATURES

- 12 to 24 volt AC or DC operation (setting not required, 0.6 amp @ 12 volt, 0.3 amp @ 24 volt current consumption with all relays energized)
- Power supply input options: a) One common power input (board and lock power) b) Two isolated power inputs (one for board power and one for lock/hardware power)
- Eight access control inputs
- Eight independently controllable outputs
- Eight auxiliary power outputs (unswitched)
- Fire alarm disconnect (latching or non-latching) selectable by output
- Removable terminal blocks facilitate ease of installation

Anixter No.	Vendor No.	Description
231068	ACM8	8-zone fused access power controller
274069	ACM8E	8-zone fused access power controller, with enclosure (UL 294)
243299	ACM8CB	8-zone PTC access power controller
274070	ACM8CBE	8-zone PTC access power controller, with enclosure (UL 294)

Distributed Access Power Controllers with Power Supplies

ALTRONIX



These Altronix Power Supplies distribute and route power to access control systems and accessories. They will convert a 115 V AC 50/60 Hz input into eight independently controlled fuse or PTC-protected Class 2 power limited 12 V DC or 24 V DC outputs. These outputs can also be configured as dry Form "C" contacts. Outputs are activated by an open collector sink or normally open (N.O.) dry trigger input from an access control system, card reader, keypad, push button, PIR, etc. The unit will route power to a variety of access control hardware devices including: mag locks, electric strikes, magnetic door holders, etc. Outputs will operate in both Fail-Safe and/or Fail-Secure modes. The FACP Interface enables emergency egress, alarm monitoring or may be used to trigger other auxiliary devices. The fire alarm disconnect function can be configured for the following modes; a) Eight outputs affected. b) Four outputs affected and four outputs unaffected (50/50 mode).

FEATURES

- UL Listed for access control (UL 294)
- C(UL) Listed
- Input 115 V AC 60 Hz
- Eight access control inputs
- Eight independently controllable outputs
- Eight auxiliary power outputs (unswitched)
- Fire alarm disconnect (latching or non-latching) selectable by output
- AC input and DC output LED indicators
- AC fail, battery fail and battery presence supervision
- Removable terminal blocks facilitate ease of installation

Anixter No.	Vendor No.	Description
231027	AL400ULACM	4 amps @ 12 V DC or 3 amps @ 24 V DC
231029	AL600ULACM	6 amps @ 12 V DC or 24 V DC
243300	AL1012ULACM	10 amps @ 12 V DC
258185	AL1024ULACM	10 amps @ 24 V DC

For PTC protected outputs add "CB" to end of part number.

6.5 amp/8 amp/10 amp NAC Power Extenders

ALTRONIX



These Altronix NAC Power Extenders provide 8 powerful amps of added fire alarm signaling power distributed via four Class B or two Class A supervised output circuits. Equipped with Cooper-Wheelock, System Sensor, Gentex, Faraday and Amseco two-wire horn/strobe sync modes. Allows audible notification appliances (horns) to be silenced while visual notification appliances (strobes) continue to operate. (No sync modules required).

These NAC Power Extenders are extremely cost-effective voltage-regulated remote power supply/battery chargers. They may be connected to any 12 or 24 volt Fire Alarm Control Panel (FACP). Primary applications include Notification Appliance Circuit (NAC) expansion (supports ADA requirements) and will provide auxiliary power to support system accessories. These units deliver regulated and filtered 24 or 12 volt power via four Class B, two Class A or two Class B and one Class A Notification Appliance Circuits. Additionally, a separate 1 amp auxiliary output for four-wire smoke detectors. Each output is rated at 2 amps max., and can be independently programmed for Steady, Temporal Code 3 or Strobe Synchronization. All outputs may be programmed for Input to Output Follower Mode (output will follow input. i.e. March Time Input, March Time Output). An individual output of 4 amps is achieved by paralleling two outputs. The AL802ULADA in non-alarm condition provides independent loop supervision for Class A and/or Class B FACP NAC circuits. In the event of a loop trouble the FACP will be notified via the AL802ULADA's steered input (input 1 or input 2). In addition, there are common trouble output terminals (NC, C, NO) which are used to indicate general loop/system trouble. A common trouble input is provided for optional NC (normally closed) devices to report trouble to the FACP. Two FACP signaling outputs can be connected to the NAC Power Extender's inputs. These inputs can then be directed to control supervision and power delivery to any combination of the four outputs.

FEATURES

- UL Listed (UL 864, UL 1481), CSFM approved, MEA approved, NFPA 72 compliant
- Input 115 V AC 50/60 Hz
- Selectable 24 V DC or 12 V DC voltage regulated power limited outputs
- Two outputs may be paralleled for more power on an indicating circuit
- Two Class A or two Class B FACP inputs
- Programmable supervised indicating circuit outputs: four Class B or two Class A or one Class A and two Class B
- Two-wire horn/strobe sync mode allows audible notification appliances (horns) to be silenced while visual notification appliances (strobes) continue to operate
- Signal circuit trouble memory (helps identify intermittent loops problems)
- Temporal Code 3, Steady Mode, Input to Output Follower Mode (maintains synchronization of notification appliances circuit)
- Ground fault detection

Anixter No.	Vendor No.	Description
258187	AL1002ULADA	24 V DC @ 10 amps total power
259417	AL802ULADA	24 V DC @ 8 amps total power
243320	AL602ULADA	24 V DC @ 6.5 amps total power

6 V DC/12 V DC/24 V DC Power Supply/Charger

ALTRONIX



The AL624 power supply/charger converts low-voltage AC input into 6 V DC or 12 V DC @ 1.2 amps or 24 V DC @ 750 mA of continuous supply current. This general-purpose power supply has a wide range of applications for access control, security and CCTV system accessories that require additional power.

FEATURES

- 1.2 amp continuous supply current at 6 V DC / 12 V DC or 750 mA continuous supply current at 24 V DC
- Built-in charger for sealed lead acid or gel-type batteries
- PTC battery protection

Anixter No.	Vendor No.	Description
231009	AL624	General-purpose power supply

General-purpose Power Supply/Charger

ALTRONIX



These general-purpose power supplies have a wide range of applications for access control, security and CCTV system accessories that require additional power.

FEATURES

- Built-in charger for sealed lead acid or gel-type batteries
- Battery short circuit protection (circuit breaker)

Anixter No.	Vendor No.	Description
231014	SMP3	2.5 amps @ 6 V DC/12 V DC/24 V DC output
231015	SMP5	4 amps @ 6 V DC/12 V DC/24 V DC output
231016	SMP7	6 amps @ 12 V DC/24 V DC output
231019	SMP10	10 amps @ 12 V DC/24 V DC output

Power Supplies and Protection

Altronix

Supervised Power Supply/Charger

ALTRONIX



These supervised power supply/chargers convert a low-voltage AC input into 12 V DC or 24 V DC selectable output.

FEATURES

- 12 V DC/24 V DC selectable output
- Built-in charger for sealed lead acid or gel-type batteries
- AC fail and low battery supervision

Anixter No.	Vendor No.	Description
243308	PM212	1 amp continuous @ 12 V DC
243309	PM224	0.75 amp continuous @ 24 V DC
243306	SMP3PM	2.5 amps continuous @ 12/24 V DC
243310	SMP5PM	4 amps continuous @ 12/24 V DC
243312	SMP7PM	6 amps continuous @ 12/24 V DC
243313	SMP10PM	10 amps continuous @ 12/24 V DC

WITH ENCLOSURE, 115 V AC INPUT

Anixter No.	Vendor No.	Description
231020	SMP3PMCTX	2.5 amps continuous @ 12/24 V DC
231021	SMP5PMCTX	4 amps continuous @ 12/24 V DC
231025	SMP7PMCTX	6 amps continuous @ 12/24 V DC
258180	SMP10PMC12X	10 amps continuous @ 12 V DC
258181	SMP10PMC24X	10 amps continuous @ 24 V DC

Power Booster Modules

ALTRONIX



The Altronix VB1/VB1T converts a 12 V DC - 24 V DC input into a regulated 24 V DC output.

FEATURES

- Built-in charger for sealed lead acid or gel-type batteries
- Regulated 24 V DC output
- Built-in overload protection

- Electronically filtered and regulated output
- Power LED
- High-impact insulated housing
- Compact design allows for installation in variety of camera housings
- Converts a 12-24 V DC input to a 24 V DC @ 0.75 amp output, continuous

Anixter No.	Vendor No.	Description
424322	VB1	Cable assembly
414700	VB1T	Spring terminals

Power Regulator Modules

ALTRONIX



Altronix VR modules convert a 24 V AC or 24 V AC or 24 V DC input into a regulated 12 V DC output.

FEATURES

- Built-in overload protection
- Electronically filtered and regulated output
- Power LED
- High-impact insulated housing
- Compact design allows for installation in variety of camera housings

CABLE ASSEMBLY

Anixter No.	Vendor No.	Description
276009	VR1	Converts a 24 V AC or 24 V DC input to a 12 V DC @ 1 amp output

SPRING TERMINALS

Anixter No.	Vendor No.	Description
380668	VR1T	Converts a 24 V AC or 24 V DC input to a 12 V DC @ 1 amp output
424664	VR2T	Converts a 24 V AC or 24 V DC input to a 12 V DC @ 0.5 amp output
424668	VR3T	Converts a 24 V DC input to a 12 V DC @ 2 amp output
418691	VR4T	Converts a 24 V DC input to a 12 V DC @ 3 amp output
424670	VR5T	Converts a 24 V AC or 24 V DC input to a 12 V DC @ 3 amp output
424672	VR5BT	Converts a 24 V AC or 24 V DC input to a 12 V DC @ 3 amp output, battery charging

Relay Modules

ALTRONIX



Anixter No.	Vendor No.	Description
231056	RB5	6 V DC or 12 V DC operation, 120 mA current draw, DPDT contacts rated at 5 amps/220 V AC or 28 V DC
243316	RBS524	24 V DC operation, 40 mA current draw, DPDT contacts rated at 5 amps/220 V AC or 28 V DC
231059	RBSN	12 V DC or 24 V DC operation, 15 mA current draw, DPDT contacts rated at 1 amp/120 V AC or 2 amps/28 V DC
231060	RBSNTTL	12 V DC to 24 V DC operation, 3 V DC to 24 V DC isolated positive or negative trigger input, 18 mA current draw, DPDT contacts rated at 1 amp/120 V AC or 2 amps/28 V DC
243317	RBTUL	12 V DC or 24 V DC operation, 3 V DC to 24 V DC positive trigger input, 30 mA current draw, SPDT contact rated @ 1 amp/28 V DC, includes snap track, UL Listed Burglary (UL 749R)
243318	RAC120	120 V AC operation, 12 mA current draw, DPDT contacts rated at 10 amps/220 V AC or 28 V DC, DIN-rail mount, UL recognized
240636	RAC24	24 V AC operation, 45 mA current draw, DPDT contacts rated at 10 amps/220 V AC or 28 V DC, DIN-rail mount, UL recognized

Tempo2 Programmable Timer

ALTRONIX



The Tempo2 is suitable for applications that require timed operations. A delayed egress feature will trigger a 1 to 60 second door release. Applications include daily/

weekly test mode, one shot, door prop alarm, timed door annunciate, cut-off timer, alarm swinger eliminator, etc. Digital display facilitates ease of programming and real-time information.

FEATURES

- 12 or 24 volts AC or DC operation
- Triggers via positive DC (+) voltage, dry contact closure, or removal of contact closure
- Dry Form "C" contacts are rated @ 2 amp/120 V AC/28 V DC
- LCD displays real-time countdown information
- Current draw: stand-by 15 mA, relay energized 30 mA
- EE PROM memory protects against loss of programming due to power failure
- Simple programming
- One-Shot features (trigger activated):
 - Programmable relay activation at the start or end of the timing cycle
 - a. Delayed Pulse Mode: 1 to 60 sec. programmable pulse at the end of timing cycle
 - b. Delay Mode: Relay can be programmed to energize or de-energize during timing cycle (Digitally adjust from 1 sec.-24 hours)

Anixter No.	Vendor No.	Description
424692	TEMPO2	Universal two-stage timer

PT724A and PT2724 Programmable Timers

ALTRONIX



The PT724A and PT2724 are extremely versatile 24 hour 365 day event timers designed to support a wide range of applications. Such applications include: home and building automation, security, access control, lighting control, etc. The 10 amp Form "C" relay contact provides many latching and/or momentary operations during a program schedule of your choice. Events may be set for single or multiple operations on a daily and/or weekly schedule. Block programming enables repeating an event on any combination of consecutive days.

FEATURES

- LCD display
- 12 to 24 volts AC or DC operation
- Form "C" relay contacts are rated 10 amps @ 120 V AC/28 V DC
- EE PROM memory protects against loss of programming due to power failure
- Accurate crystal-controlled clock
- Momentary and/or latching events
- Individually programmed daily/weekly events (per channel)
- Block programming capacity can accommodate a total of 350 events per week (per channel)
- Programmable holiday dates (per channel)
- "First man in" option
- Standard or Daylight Savings Time settings
- Automatic compensation for leap year
- Built-in charger for 12 V DC sealed lead acid or gel-type batteries
- Lithium battery backup maintains clock (optional)

Continued on next page >>

Power Supplies and Protection

Altronix

(continued) PT724A and PT2724 Programmable Timers

Anixter No.	Vendor No.	Description
231066	PT724A	One-channel - SPDT contact rated at 10 amps/115 V AC/28 V DC, 50 daily/weekly events, 350 weekly block events, 10 holiday exceptions
231067	PT2724	Two-channel - Two SPDT contacts rated at 10 amps/115 V AC/28 V DC, 100 daily/weekly events, 700 weekly block events, 20 holiday exceptions

Four-channel Annual Event Timer

ALTRONIX



The AT4 is an extremely versatile 24 hour 365 day event timer designed to support a wide range of applications. Such applications include: home and building automation, security, access control, lighting control, etc. The AT4 is equipped with four independently controlled Form "C" relays that provide multiple latching and/or momentary operations during a program schedule of your choice. Events may be set for single or multiple operations on a daily and/or weekly schedule. Block programming enables repeating an event on any combination of consecutive days.

FEATURES

- LCD display
- 12 to 24 volts AC or DC operation
- Four Form "C" relay contacts are rated 10 amps @ 120 V AC/28 V DC
- Each relay operates independently
- EE PROM memory protects against loss of programming due to power failure
- Accurate crystal-controlled clock
- Momentary and/or latching events
- "First man in" option
- Standard or Daylight Savings Time settings
- Automatic compensation for leap year
- Built-in charger for 12 V DC sealed lead acid or gel-type batteries
- Lithium battery backup maintains clock
- Encl. 12.25 in. H x 7.75 in. W x 4.5 in. D

Anixter No.	Vendor No.	Description
259416	AT4	Four-channel - four SPDT contacts rated at 10 amps/115 V AC/28 V DC, 254 daily/weekly events, 1,778 weekly block events, 254 holiday events

Multifunction Timer

ALTRONIX



The 6062 programmable timer is suitable for many functions that require a timed operation e.g. access control applications, siren/bell cut off module, dialer delay, guard tour supervisory timer, etc. Some optional functions include: one shot, delayed release, delayed operate, delayed pulse and pulser/flasher. A new feature has been added which provides a momentary relay activation at the end of a desired timing cycle. This feature eliminates the need for having to use two timers to achieve this function. Another new feature will cancel (interrupt) timing cycle and reset timer if desired.

FEATURES

- 12 V DC or 24 V DC operation is selectable
- Time range 1 sec. to 60 min. adjustable
- Form "C" (SPDT) relay contacts are 8 amps at 120 V AC/28 V DC
- Current draw: stand-by 3 mA, relay energized 40 mA
- Triggers via positive DC (+) voltage, dry contact closure, or removal of contact closure
- Selectable relay activation at the start or end of the timing cycle
- Repeat (pulser/flasher) mode
- One second momentary relay activation at the end of timing cycle

Anixter No.	Vendor No.	Description
231064	6062	Multifunction timer

Open Frame Transformer

ALTRONIX



FEATURES

- 115 V AC input
- 24 V AC or 28 V AC
- Use with SMP series power supply/charger

Anixter No.	Vendor No.	Description
338499	T2428100	24 V AC/100 VA (4 amps) or 28 V AC/100 VA (3.5 amps), UL/C(UL) recognized
365366	T2428175	24 V AC/175 VA (7.25 amps) or 28 V AC/175 VA (6.25 amps), UL/C(UL) recognized
368418	T2428300	24 V AC/300 VA (12.5 amps) or 28 V AC/300 VA (10 amps)

Open Frame Transformer with Enclosure

ALTRONIX



FEATURES

- 115 V AC input
- 24 V AC or 28 V AC
- For CCTV and access control applications

ENCL. 5.625 IN. H X 7 IN. W X 4.5 IN. D

Anixter No.	Vendor No.	Description
367320	T2428100C	24 V AC/100 VA (4 amps) or 28 V AC/100 VA (3.5 amps)
340498	T2428175C	24 V AC/175 VA (7.25 amp) or 28 V AC/175 VA (6 amps)

ENCL. 12.5 IN. H X 7.75 IN. W X 4.5 IN. D

Anixter No.	Vendor No.	Description
424694	T2428300E	24 V AC/300 VA (12.5 amps) or 28 V AC/300 VA (10 amps)

Power Supplies and Protection

Alpha Technologies

AlphaCell Batteries

ALPHA TECHNOLOGIES



Alpha offers a wide selection of VRLA-AGM, VRLA-Gel, Flooded Stationary, Nickel Cadmium batteries. AlphaCell batteries incorporate four separate battery technologies ensuring optional performance for your particular application. AlphaCell batteries come with industry-leading warranties, offer some of the longest runtimes and the best longevity in today's demanding outdoor, non-temperature controlled power environments. Battery chargers and charge-management systems are also available. Contact your local sales representative.

FEATURES

- Batteries designed specifically for backup power applications
- Models incorporate different battery technologies based on system requirement

Anixter No.	Vendor No.	Description
166830	181-013-10	VRLA sealed lead acid, 12 V, 34 Ah
169752	181-025-10	VRLA sealed lead acid, 12 V, 17 Ah
422079	1810017	AlphaCell 160AGM, 12 V, 88 Ah
370394	1810039	VRLA lead acid, 12 V, terminal posts, 9 Ah
370395	1810043	AlphaCell 135AGM-P, silver alloy, 12 V, 75 Ah
370396	181-216-10	TG-1265C, AGM, 12 V, 65 Ah
370397	181-213-10	AlphaCell 85GXL-HP silver alloy gel, insert terminal, 12 V, 50 Ah
370398	1810015	AlphaCell 165GXL silver alloy gel, insert terminal, 12 V, 86 Ah
370399	181-230-10	AlphaCell 195GXL silver alloy gel, insert terminal, 12 V, 100 Ah
370400	181-232-10	AlphaCell 195Gold-HP silver alloy gel, insert terminal, 12 V, 100 Ah
370401	181-231-10	AlphaCell 220GXL silver alloy gel, insert terminal, 12 V, 109 Ah
370402	181-233-10	AlphaCell 220GXL-HP silver alloy gel, insert terminal, 12 V, 109 Ah
370403	1810029	AlphaCell 195GXL- ft. silver alloy gel, front terminal, 12 V, 100 Ah

Alpha Solar Power Systems

ALPHA TECHNOLOGIES



Alpha Solar Power Systems provide an additional power source to battery-based backup power systems. Use Alpha Solar Power Systems for traffic, parking or security applications to eliminate the need for running power lines or to work seamlessly with backup systems to keep batteries fully charged.

FEATURES

- Solar power system for off grids or extended backup-power applications
- Pre-engineered, integrated solution
- Rugged control and battery enclosure
- Configurable for DC or AC power requirements

Contact your local sales representative for information on solar system configurations.

Micro Secure 100 Outdoor UPS

ALPHA TECHNOLOGIES



The Alpha Micro Secure Uninterrupted Power Supply (UPS) for outdoor backup power applications provides constant, reliable backup power in a compact NEMA 3R enclosure. The unit is wall mountable or pole mounted with optional pole-mounting kit.

FEATURES

- 100 VA/W UPS
- Outdoor rated enclosure NEMA 3R
- Double output - 120 V AC/24 V AC
- Input - 120 V AC
- Wide automatic voltage regulation range
- Communication via RS-232 port or optional Ethernet SNMP interface
- 230 V AC/50 Hz models available

Anixter No.	Vendor No.	Description
335664	017-220-23	Micro Secure 100, includes 24 V DC battery
370328	017-220-29	Micro Secure 100, includes 24 V DC battery, SNMP
357734	740-751-21	Pole-mounting kit, required for pole-mount installation

Alpha Micro 300-1000 Outdoor UPS

ALPHA TECHNOLOGIES



The Alpha Micro Uninterrupted Power Supply (UPS) for outdoor backup power applications provides constant, reliable backup power in a compact NEMA 3R (outdoor rated) enclosure. The Micro UPS can be installed in either wall-mount or pole-mount environments or with the optional ground mounting kit. The battery capacity and runtime of the Micro can be increased by ordering the XL model or ordering the XL3 extension to add to the XL.

The new Micro 350 UPS system integrates the FXM 350 UPS module in a rugged, weather-hardened NEMA 3R enclosure. The system provides 120 V and 24 V AC output as well as 48 V/24 V/12 V DC output. While 120 V AC and 48 V DC will power up the control module, the 24 V AC and 24 V DC/12 V DC will provide the power supply for various cameras and other critical security equipment.

Batteries and battery cables need to be ordered and are based on application requirements.

FEATURES

- 300 VA/W and 1,000 VA/W UPS
- Outdoor-rated enclosure NEMA 3R
- Wide automatic voltage regulation range
- Communication via RS-232 port or optional Ethernet SNMP interface
- Temperature compensated battery charging
- Expandable battery capacity
- 230 V AC/50 Hz models available

Anixter No.	Vendor No.	Description
451605	017-243-22	Micro 350, 120 V AC/120 V output, 48 V DC SNMP
422039	017-239-54	Micro 1000, 120 V AC/120 V AC output, 48 V DC battery
422044	017-239-53	Micro 1000, 120 V AC input/120 V AC output, 48 V DC battery, SNMP
422045	017-239-50	Micro 1000XL, 120 V AC input/120 V AC output, 48 V DC battery
422046	017-239-49	Micro 1000XL, 120 V AC input/120 V AC output, 48 V DC battery, SNMP

Requires batteries and battery cable kit with each system.
Minimum 2 x 12 V DC for Micro 300 and 4 x 12 V DC for Micro 1000.

Alpha FXM Outdoor UPS Module

ALPHA TECHNOLOGIES



The Alpha FXM Uninterrupted Power Supply (UPS) module provides clean, reliable power management for applications requiring a ruggedized UPS designed to operate in extreme hot or cold climates. The automatic voltage regulator (AVR) provides power stability for unpredictable environments and constant voltage during varied power conditions. The FXM instantly switches to emergency backup power during power failures or power interruptions.

Batteries, battery cables and an outdoor-rated enclosure need to be ordered and are based on application requirements.

The new FXM 350 UPS Power Module brings an entirely unique 350 W battery backup and power conditioning solution into the security market. Permitting combinations of 120 V AC, 24 V AC, 48 V DC, 24 V DC and/or 12 V DC, Alpha eliminates the need for separate power supplies for intelligent surveillance systems that incorporate control/communications modules and multiple cameras.

FEATURES

- 350, 650, 1,100 and 2,000 VA UPS modules
- Rugged, robust design for outdoor environments
- Wide automatic voltage regulation range
- Communication via RS-232 port or optional Ethernet SNMP interface
- Temperature compensated battery charging
- Programmable dry contact relays
- Event and alarm logging
- 230 V AC/50 Hz models available

Anixter No.	Vendor No.	Description
451606	017-241-21	FXM 350, 120 V AC input/120 V AC output, 24 V DC with Ethernet SNMP interface
370388	017-234-21	FXM 650, 120 V AC input/120 V AC output, 24 V DC battery
370389	017-234-31	FXM 650, 120 V AC input/120 V AC output, 24 V DC battery, SNMP
370390	017-230-21	FXM 1100, 120 V AC input/120 V AC output, 48 V DC battery
370391	017-230-23	FXM 1100, 120 V AC input/120 V AC output, 48 V DC battery, SNMP
370392	017-232-29	FXM 2000, 120 V AC input/120 V AC output, 48 V DC battery
370393	017-232-31	FXM 2000, 120 V AC input/120 V AC output, 48 V DC battery, SNMP, with FXM communications module
422070	740-697-21	Rack-mount kit for FXM 1100/2000
422073	740-697-22	Rack-mount kit for FXM 650

Requires batteries and battery cable kit with each system.
Minimum 2 x 12 V DC for FXM 650 and 4 x 12 V DC for FXM 1100/2000.

Power Supplies and Protection

DITEK

120 volt Critical Load Surge Protector

DITEK



Power surges and spikes can render a life-saving fire alarm system inoperable. Protect your critical systems with the 120SR Series power surge protectors.

FEATURES

- Series wiring configuration, UL 1449 recognized component
- Four-stage hybrid design offers maximum performance and protection
- Suitable for use on circuit breakers rated at 10kA AIC
- UL 1283 EMI/RFI filtering

Anixter No.	Vendor No.	Description
430642	DTK-120SR	120 V - 20 A SPD 54 kA /phase
508517	DTK-120SRD	120 V - 20 A SPD with dry contacts for remote monitoring, 54 kA /phase

120 volt Hardwire Surge Protector

DITEK



For installations that require a circuit breaker, the 120HW is the number one choice to protect fire alarm panels and other dedicated branch circuit loads.

FEATURES

- Protects 120 volt power to the alarm panel
- Diagnostic LED indicator confirms ground presence, unit function and power on
- UL 1449 3rd Edition Listed

Anixter No.	Vendor No.	Description
273860	DTK-120HW	120 volt hardwire surge protector

Alarm Panel Dialer Surge Protector

DITEK



Prevent surges via telco lines from damaging your fire alarm panel with the MRJ31XSCP-WP modular surge protector.

FEATURES

- Provides both overvoltage and overcurrent protection for a single phone line
- Plug-and-play modular RJ31X connection with self resetting fusing
- Patch cord included

Anixter No.	Vendor No.	Description
277605	DTK-MRJ31XSCPWP	Modular RJ31X surge protector

Universal Low-voltage Line Protector

DITEK



The LVLPLV Series can handle virtually any voice, data or signal application.

FEATURES

- Ideal protection for "Off Premise" or "At Risk" circuits
- Available in 1-, 2-, 4- and 8-pair (2-16 wire) configurations, UL Listed
- Screw terminals accept 22-16 AWG or 14-10 AWG (please specify)
- Available in seven voltages (6 V=D, 14 V=X, 30 V=LV, 50 V=OPX, 75 V=SPK, 95 V=SGR, 130 V=RUV) and with resettable fusing (specify SCP option)

Anixter No.	Vendor No.	Description
319094	DTK-1LVLPLV	1-pair, 24 V terminal strip data line surge protector
277606	DTK-4LVLPLV	4-pair, 24 V terminal strip data line surge protector
509266	DTK-8LVLPLV	8-pair, 24 V terminal strip data line surge protector
340744	DTK-2MHTP	2-pair, 130 V field-replaceable telco surge protector

Rack-mount Video Surge Protection

DITEK



Stop surges from destroying your rack-mounted CCTV equipment. Protect your expensive recorders, multiplexers, controllers and other coax connected equipment from power surges with the RM16NM.

FEATURES

- Protects up to 16 video feeds to coax security devices via in/out BNC ports
- Provides 2.8 V clamping on video signal to prevent DVR damage
- Centralization of surge-protected points in a 2U rack panel makes troubleshooting coax connections easier during outages
- Can be rack-mounted in any standard 19 in. rack or cabinet
- Single point grounding

Anixter No.	Vendor No.	Description
273857	DTK-RM16NM	With BNC connectors

Three Outlet With Ground Termination Point

DITEK



The 3GTP plug-in surge protector features a ground provision that makes for fast and easy chassis ground installation on phone systems and access control panels.

FEATURES

- Chassis ground lug speeds installation and eliminates ground loops
- Diagnostic LED indicates unit function and ground presence
- Security screw prevents accidental disconnects

Anixter No.	Vendor No.	Description
259403	DTK-3GTP	3 AC outlet with chassis ground provision

Modular RJ Surge Protector

DITEK



The MRJ45C5E protects data lines to vital business equipment. Its low-voltage clamping protects sensitive 5 V data circuits on network appliances, IP video cameras, point-of-sale terminals, DSL lines and any other piece of networked equipment.

FEATURES

- Provides protection for all four pairs
- Modular RJ45 in/out connection with external grounding screw
- Conforms to EIA/TIA standards for data transmission

Anixter No.	Vendor No.	Description
306321	DTK-MRJ45C5E	Modular RJ45 (Cat 5e) surge protector - 8 pin 8 wire
306322	DTK-MRJ45DSL	Modular RJ45 (DSL) surge protector - 8 pin 8 wire
306323	DTK-MRJ45C5EGP	Modular RJ45 (Cat 5e) surge protector with ground plug - 8 pin 8 wire

7-outlet Surge Protector with 600 VA Battery Backup

DITEK



The BU Series UPS incorporates heavy-duty surge protection with an affordable backup power supply.

FEATURES

- Surge protection for power, telephone/modem and (optional) Cat 5
- 600 VA output provides approximately 20 minutes of backup power
- EMI/RFI noise filtering
- RJ45 protection, with shutdown software
- UL Listed

Anixter No.	Vendor No.	Description
418272	DTK-BU600PLUS	7-outlet surge protector with 600 VA battery backup

Power Supplies and Protection

DITEK

Card Reader and Keypad Surge Protector

DITEK



Your access control system is your first line of defense against unwanted intruders; don't let power surges cause your system to malfunction. Protect card readers and keypads with DITEK access control surge protectors.

FEATURES

- Protects all wires leading to the card reader and keypad - power, data, and LED circuits
- Single point grounding
- One model protects 12 or 24 volt card readers
- Compact size allows installation inside most reader boxes

Anixter No.	Vendor No.	Description
259391	DTK-4LVLPCT	Surge protector specific to card reader/keypad application
275997	DTK-3LVLPX	3-pair terminal strip, for 12 V Weigand systems

Digital Recorder Surge Protector

DITEK



Keep your CCTV surveillance system up and running with the revolutionary DRP16 series, a combination of surge protection and UPS in one high-performance unit.

FEATURES

- Four backplane modules available for all CCTV connections
- Dry contacts provide immediate notification of power interruption and activation of battery backup
- Manual "Press-to-Test" battery status button
- Automatic self-diagnostics check the battery, wiring and surge protection circuitry upon initial start-up
- Protects up to 16 video feeds, four power outputs (two with battery backup), one RJ45 network port and one RJ11 telco jack
- Up to 20 minutes of backup power

- Best video signal clamping in the industry
- Optional rack-mount kit (DTK-DRPMBK)

Anixter No.	Vendor No.	Description
273858	DTK-DRP16	With BNC connections
306351	DTK-DRP16B	With balun converter - UTP in and BNC out
306356	DTK-DRP16C	Use on Coaxitron circuits - BNC connections
306357	DTK-DRP16T	Use on twisted-pair video circuits - UTP connections

Dome Camera Surge Protection

DITEK



You may have thousands of feet or more of cable connecting your CCTV or CATV systems. Losing these devices could be catastrophic both in terms of what they cost and what could happen during an equipment blackout. Don't let a power surge black out your CCTV camera surveillance. Protect your sensitive motorized pan/tilt/zoom cameras with the DP4P Series.

FEATURES

- Complete protection for power, video and two data pairs in one device that mounts easily at the pole base
- 2.8 V clamping on video signal
- Multi-stage hybrid SAD circuit

Anixter No.	Vendor No.	Description
259394	DTK-DP4P	PTZ camera protection, AC, data and video - BNC connectors
275985	DTK-DP4PBP	PTZ camera protection, AC, data and video - UTP to BNC balun converter

Electric Switch Suppressor

DITEK



Prevent power surges that could cause locks to fail. The electric switch suppressor (ESS) protects magnetic locks and access control panels from power surges.

FEATURES

- Installed in pairs - one at the lock and one at the control panel
- Hardwired in parallel connection - surges are dissipated before they can cause any damage
- Passive protection - does not affect your access system
- Compact design fits inside door jamb and control panel

Anixter No.	Vendor No.	Description
259400	DTK-ESS	Surge suppressor for magnetic lock application

Fixed Camera Surge Protection

DITEK



Ideal surge protection for today's high-quality fixed cameras. The PVP series protects 24 V power and video in one compact package.

FEATURES

- Provides protection for power and video conductors
- Eliminates the need for two protectors and two ground wires
- A must for equipment under warranty

Anixter No.	Vendor No.	Description
259393	DTK-PVP27B	Fixed camera, coax and power combination surge suppressor
306364	DTK-PVP27BTPV	Fixed camera, UTP and power combination surge suppressor
319092	DTK-PVP27C	Fixed camera 24 V DC/6.8 V Coaxitron surge suppressor

Heavy-duty Eight-outlet Surge Protector Strip

DITEK



When safeguarding your environment from potential intrusion is a top priority, protect sensitive access control panels from damaging power surges with the 8FF power surge protectors.

FEATURES

- Eight outlets; spacing accommodates up to six transformers
- 1 in / 2 out telephone line protection
- Diagnostic LEDs for ground presence and unit function
- Mounting slots allow for backboard installation

Anixter No.	Vendor No.	Description
273862	DTK-8FF	Eight-outlet surge protector strip with 6-foot cord

Modular Phone Line Protection

DITEK



The SL Series is a quick-connect line protector that can be used to protect virtually any analog 66 block application.

FEATURES

- Unique multi-function diagnostic LED shows protection status, continuity and line usage
- Provides overvoltage protection and self-resetting fusing
- 1-pair design allows break-out of multiple voltages on one block
- The new industry standard for protection versatility and ease of installation

Anixter No.	Vendor No.	Description
278155	DTK-SL30A	With sneak current protection, 30 V
278154	DTK-SL50A	With sneak current protection, 50 V
278156	DTK-SL95A	With sneak current protection, 95 V
273859	DTK-SL130A	With sneak current protection, 130 V

Single-outlet Surge Protector

DITEK



The 1F plug-in AC power surge protector is ideal for sensitive burglar alarm panels.

FEATURES

- Security screw prevents accidental disconnect of Class II Transformer
- Diagnostic indicator confirms ground presence, unit function and power on
- Three- and six-outlet models also available

Anixter No.	Vendor No.	Description
273863	DTK-1F	Single-outlet surge protector

Power Supplies and Protection

DITEK

In-line Coax Camera Surge Protector

DITEK



No ground? No problem! The IBNC is designed for applications where an extra layer of video protection is necessary, but a dedicated ground is impossible or impractical.

FEATURES

- Protects coax video lines
- Excess energy is dissipated to cable shielding
- Slim, in-line design provides fast and easy installation inside camera housing

Anixter No.	Vendor No.	Description
275987	DTK-IBNC2.8	In-line coax camera surge protector - BNC connectors

Modular Low-voltage Line Protection

DITEK



Electrical surges and spikes can render a life-saving fire-alarm system inoperable. Loop circuits going from building to building are especially vulnerable to voltage surges from storms or electrical faults. Guard critical SLC, IDC and NAC circuits with the 2MHP series.

FEATURES

- 2-pair series wiring configuration, UL 497B Listed
- Multi-stage, SAD technology, hybrid design provides strength and fast response
- Hardwire mounting base with field-replaceable protection modules
- Available in the following voltages: 5 V, 12 V, 24 V, 36 V, 48 V, 75 V, 130 V (specify 2MHP)
- Contact your sales representative for additional model numbers

Anixter No.	Vendor No.	Description
319095	DTK-2MHP24BWB	24 V 2-pair field-replaceable surge protector
277610	DTK-2MHP36BWB	36 V 2-pair field-replaceable surge protector
479124	DTK-2MHP48BWB	48 V 2-pair field-replaceable surge protector
340744	DTK-2MHP	2-pair, 130 V field-replaceable telco surge protector

Power over Ethernet Surge Protector

DITEK



DITEK's Power over Ethernet (PoE) surge protectors are designed to protect power, data and video on circuits that use state-of-the-art PoE connections. The MRJPOE is ideal for use at the equipment end or ahead of injectors and midspan devices. The RM12POE rack mount can be used to protect PoE hubs, network video recorders, Voice over IP (VoIP) systems and any other multi-port network system.

FEATURES

- Modular surge protection with field replaceable modules, RJ45 in/out
- Multi-stage hybrid SAD design for best possible protection
- Gigabit Ethernet data speed without signal degradation
- IEEE 802.3at compliant

Anixter No.	Vendor No.	Description
340745	DTK-MR12POE	PoE surge protector, protects all four pairs, RJ45 in/out
368633	DTK-RM12POE	12-channel, 1U rack-mount PoE protector

Video Surge Protection

DITEK



The DTK-4VP video protector is ideal for four to eight camera CCTV installations. Each unit protects four BNC video channels at the DVR. The 4VP is a cost-effective surge solution for retail or residential CCTV applications.

FEATURES

- Unique design protects four CCTV video channels with one product
- Ideal for 4-channel DVR systems, or systems with up to four externally mounted cameras
- For nine or more cameras use DTK-RM16NM

Anixter No.	Vendor No.	Description
368634	DTK-4VP	With 2.8 V clamp

Gigabit Ethernet Surge Protection

DITEK



Power outages, surges and voltage transients on data lines can be deadly to network equipment. DITEK's rack-mount surge protectors reduce network failure and downtime due to these unforeseen events.

FEATURES

- Protects 12 or 16 RJ45 connected Cat 5e lines in a convenient rack-mount package
- Reduces network equipment downtime and failure from voltage surges
- Gigabit Ethernet transmission speed without signal degradation
- SAD technology provides optimal circuit protection
- Single point ground improves protection and speeds installation

Anixter No.	Vendor No.	Description
393654	DTK-RM12C5	12-port, 1U rack-mount/patch panel Gigabit Ethernet protection
479129	DTK-RM12C5RJ	12-port, 1U rack-mount Gigabit Ethernet protection
381364	DTK-RM16C5	16-port, 2U rack-mount Gigabit Ethernet protection

IP Video Power and Data Surge Protection

DITEK



The PVPIP surge protector provides optimum protection for power, data and video connections in one single product.

FEATURES

- RJ45 in/out, all four video/data pairs protected
- 2-pair 12 V or 24 V power protection
- Can be used at camera or individual NVR/power supply feed
- Gigabit Ethernet transmission speed

Anixter No.	Vendor No.	Description
416127	DTK-PVPIP	IP video surge protector

Rack-mount Scalable Surge Protection System

DITEK



The Rack-mount Scalable Surge Protection System is a high-performance device, designed to provide protection for analog, digital and high-speed data circuits all terminating to the same point of use. Its unique scalable design allows you to mix and match up to 12 ports per faceplate, using any combination of RJ45 and BNC modules.

FEATURES

- RJ45 and/or BNC connections in/out
- Mix and match modules to protect analog and digital camera feed, voice/data communication loops and access control circuits
- Faceplate and modules sold separately to allow custom design

Anixter No.	Vendor No.	Description
449900	DTK-RM12FP	12-channel rack-mount surge protection faceplate
449903	DTK-MRJ45C5EM	RM12FP module for Ethernet connections and RS-485 circuits
449905	DTK-MRJPOEM	RM12FP module for PoE camera and access control circuits
449908	DTK-MRJ45M12	RM12FP module for RS-232 circuits
449909	DTK-MRJ45M36	RM12FP module for communication loops
449910	DTK-MRJ45M48	RM12FP module for 48 V dialer and off premise extension
449911	DTK-MRJ45M75	RM12FP module for speaker circuits
449912	DTK-VSPBNCM	RM12FP module for analog camera circuits
449913	DTK-RM12FPPLUG	RM12FP cap plug for unused ports

Power Supplies and Protection

EnerSys

Genesis NP Batteries

ENERSYS

Sealed construction allows operation in any position without leakage. Maintenance-free. Standard ABS resin housing material, or optional flame-retardant container and cover. Standard one-year warranty. High power density delivers longer runtimes than other batteries with same footprint.

FEATURES

- Sealed construction
- ABS resin
- Standard terminal
- Standby use is three to five years

4-AMP HOUR, 12 VOLT



Anixter No.	Vendor No.	Description
231791	NP4-12	ABS resin housing material, quick disconnect, 187 terminal
242758	NP4-12FR	Flame-retardant container/cover, quick disconnect, 187 terminal 4-amp hour, 12 V

5-AMP HOUR, 12 VOLT



Anixter No.	Vendor No.	Description
240406	NP5-12	ABS resin housing material, quick disconnect, 187 terminal
242759	NP5-12FR	Flame-retardant container/cover, quick disconnect, 187 terminal 5-amp hour, 12 V

7-AMP HOUR, 12 VOLT



Anixter No.	Vendor No.	Description
231792	NP7-12	ABS resin housing material, quick disconnect, 187 terminal
242760	NP7-12FR	Flame-retardant container/cover, quick disconnect, 187 terminal 7-amp hour, 12 V

12-AMP HOUR, 12 VOLT



Anixter No.	Vendor No.	Description
231793	NP12-12	ABS resin housing material, quick disconnect, 250 terminal 12-amp hour, 12 V
324878	NP12-12FR	Flame-retardant container/cover, quick disconnect, 250 terminal 12-amp hour, 12 V

18-AMP HOUR, 12 VOLT



Anixter No.	Vendor No.	Description
231794	NP18-12	ABS resin housing material, bolt terminal
242761	NP18-12FR	Flame-retardant container/cover, bolt terminal 17.2-amp hour, 12 V

24-AMP HOUR, 12 VOLT



Anixter No.	Vendor No.	Description
231795	NP24-12	ABS resin housing material, bolt fastened terminal 24-amp hour, 12 V
451607	NP24-12FR	Flame-retardant container/cover, bolt terminal 24-amp hour, 12 V

Tech Tips

Protecting Your Security Equipment Against High-voltage Surges

ITW LINX

Technical Information & Standards

A Lightning Rod of Security

The proliferation of externally mounted IP-based network cameras is increasing the risk of fire, damage or serious injury and death caused by a high-voltage surge event such as an incidental lightning strike or a power line cross. Because the dense charge of positive electrons residing on objects protruding from the earth attracts the negative charge from a lightning strike, outside network cameras on rooftops and light poles become a focal point for the high-voltage discharge, which can easily exceed 5,000 volts. Instead of drawing the charge to the earth, these cameras act as virtual lightning rods, drawing the high-voltage current to the data center or telecom room through the copper cabling infrastructure.

Without proper protection, a 100-volt shock lasting a few nanoseconds can seriously damage or destroy valuable networking equipment. Unlike telephone lines, current standards and codes governing building entrance protection are ambiguous in their requirements for IP-based outdoor network cameras. This lack of installation standardization continues to expose sensitive networking equipment within the building structure to damage from a surge of voltage or current.



The Evolution of Networking Configurations

This threat comes from the evolution of the video surveillance network from a standalone configuration to an integrated system utilizing a single cabling network. In traditional analog video surveillance systems, a single coaxial cable runs from a camera directly back to the video headend. In a networked video surveillance system, all of the IP-based cameras are attached to the same network, which runs back to a telecom room or data center where mission-critical equipment is kept. Although an overvoltage can damage both analog and IP cameras and the equipment to which they are connected, IP video cameras can also cause damage to critical Ethernet network components and infrastructure that resides on the same network.

Best Practices for Safeguarding Network Equipment

To prevent damaging the networking equipment in this scenario, we recommend following Article 800 of the National Electrical Code, which specifies the installation of primary protection for all conductive communications paths entering or leaving a building, but no more than 50 feet past the building entrance. The article recommends using a UL 497 Listed primary protector. Using a solid-state module rather than a traditional gas-tube module is recommended because of its much faster clamping time during a high-voltage surge event and its increased longevity. Even after multiple surge hits, solid-state modules don't typically need replacing. Lastly, the use of a UL 497A secondary protector will mitigate further risk of equipment damage from voltage surges that were not eliminated using a UL 497 primary protector.

Power Protection and UL, What Does It Mean?

Different UL Listings mean different things for good reasons, safety. The highest UL Listing for surge protection products is UL 497, which can be easily confused with UL 497A and UL 497B. Here is a look at the difference:

UL 497 or Primary Protection: The Primary Protector is used at building entrances and is capable of withstanding the highest level of overvoltage surges, lightning. These devices are required by NEC Article 800 to protect buildings and humans.

UL 497 A or Secondary Protection: The Secondary Protector is located between the building entrance/primary protector and the equipment intended to be protected. These protectors are intended to protect buildings, humans and sensitive electronic equipment.

UL 498 B or Isolated Loop Protection: Isolated Loop Protectors are designed to handle overvoltage events which are introduced within a building. The protected "loop" must not be exposed to the outside world. These protectors are not designed to protect against lightning-type surges but are for low-voltage protection only.

Power Supplies and Protection

ITW Linx

SecureLinx Surge Protection for Analog and IP Cameras

ITW LINX



SecureLinx is premier surge protection for all your security, CCTV, access control, fire and alarm equipment. The signal line protection provides complete lightning and surge protection for security cameras. The SecureLinx modules can be used in conjunction with ITW Linx's SurgeGate AC base units or stand alone. Solid-state protection provides the fastest response to transient voltages by quickly diverting damaging surges to ground.

FEATURES

- Solid-state protection
- Protection for PoE applications
- Listed per UL 497 Primary and UL 497 B Isolated Loop
- Use Category 5e and Category 6 protectors between buildings in a campus environment as building entrance protection

Anixter No.	Vendor No.	Description
364210	MSL-CAT5-LAN-RJ45	Protects 4-pair Cat 5e UTP 16 V clamping, RJ45 in/out plug-and-play
364211	MSL-CAT5-POE-RJ45	Protects 4-pair Cat 5e UTP for PoE applications, 16 V and 68 V clamping, RJ45 in/out plug-and-play
364212	MSL-CAT6-LAN	Protects 4-pair Cat 6 UTP, 16 V clamping, hardware 110 punch-down in/out
364213	MSL-CAT6-POE	Protects 4-pair Cat 6 UTP for PoE applications, 16 V and 68 V clamping, hardware 110 punch-down in/out
304805	MTC-TL1	Protects six wires low-voltage signal line for traffic control, PTZ or access control systems 7.5 V plus two-wire phone line protection 220 V
400589	MSL-CAT5-24V	Protects 4-pair Cat 5e UTP for video, 16 V clamping and two power pairs
400591	MSL-CAT6-24V	Protects 4-pair Cat 6 UTP for video, 16 V clamping and two power pairs
400592	MSL-24V-POWER	Protects two power pairs using two #12 screw termination type

SurgeGate AC Surge Protection

ITW LINX



The SurgeGate AC Surge Protection Series provides complete protection for small-business phone systems from all surges, including lightning. SurgeGate modules, which will protect central office lines, T1/ISDN lines, digital stations and peripheral devices can be added to the SurgeGate AC base units to keep pace with your phone systems' growth.

FEATURES

- Patented SurgeGate Plus Circuitry protects against prolonged overvoltages and undervoltages (brownouts) by disconnecting the power to your equipment, then reconnecting it when the power returns to a safe level
- Allows the addition of an unlimited number of SurgeGate phone and data line signal protection modules
- Extra-wide transformer spacing on all outlets and an 8 ft. cord with right-angle plug
- Four switched on/off outlets on each suppressor

Anixter No.	Vendor No.	Description
225693	M8KSU-60	8-outlet base unit for small phone systems
239613	M8COM-60	8-outlet AC protector for small phone systems; also protects four CO lines, one 10/100BASE-T LAN line and one T1 line
249540	M4KSU	4-outlet AC protector for small phone systems
249541	M4L	4-outlet AC protector with 10/100BASE-T LAN protection
434554	RM-M8COM-15	12-outlet rack-mount AC protector 15 amp, also protects four CO lines, one 100BASE-T LAN line and one T1 line — all in 1U
434555	RM-M8COM-20	12-outlet rack-mount AC protector 20 amp, also protects four CO lines, one 100BASE-T LAN line and one T1 line — all in 1U

RacMAX Rack-mount AC Surge Protection

ITW LINX



The ITW Linx RacMAX features eight or 12 AC power outlets at 15 amps and 20 amps, front panel circuit breaker, power indicator light and 10 ft. power cord. Fits standard 19 in. equipment racks/cabinets (1U) and offers AC surge protection to provide sensitive electronic equipment with clean and safe power.

Anixter No.	Vendor No.	Description
157026	GRM0600	RacMAX - eight rear outlets, 15 amp capacity, 10 ft. power cord and diagnostic lights
249538	RM3400	12 AC outlets (eight rear, four transformer spaced front), 15 amp capacity, on/off switch guard, three-way mounting option, SurgeGate Plus circuitry
249539	RM3700	RacMAX 3700 - 12 AC outlets (eight rear, four transformer spaced front), 20 amp capacity, on/off switch guard, three-way mounting option, SurgeGate Plus circuitry

M2 Direct Plug-In Series

ITW LINX



The M2 Direct Plug-In Series of surge protectors from ITW Linx incorporates surge circuitry filtration and other features in a new sleek design.

FEATURES

- Protect or disconnect circuitry safeguards equipment against all surges. In the event of a catastrophic surge, the M2 Series suppressors completely disconnect the AC power to the connected equipment
- Integrated cable management
- Diagnostic lights indicate both grounded outlet and power-protection status

- Wide outlet spacing to accommodate transformers and right-angle plugs
- Wall-mounted compact configuration

Anixter No.	Vendor No.	Description
239623	M2	2-outlet AC protector with protect or disconnect circuitry
128228	M2T	2-outlet AC protector with signal perfect optimized telephone and DSL line protection

Category 5e 25-pair Protector

ITW LINX



The patented Category 5e 25-pair protector from ITW Linx provides 100 percent solid-state protection to protect network, telecommunications and electronic equipment from transient voltage surges. Protects high-performance 25-pair Cat 5e outside plant cables as well as 110 punch-down Cat 5e UTP cables for LAN/Data, T1/ISDN and IP camera applications, is UL Listed for 497 (primary protector for building entrances) and 497B (isolated loop protection), and exceeds ANSI/TIA-758. The unit mounts on an 89D bracket and encloses all protection parts in a plastic covered housing. Each pair in the module uses the Cat 5e circuit card technology to ensure total protection.

CAT 5E 25-PAIR BUILDING ENTRANCE PROTECTOR

Includes base unit and 25 protector cards and grounding hardware.

Anixter No.	Vendor No.	Description
206303	ML25-CAT5-LAN	Base unit with 16 V clamp
265842	ML25-CAT5-235	Base unit with 235 V clamp

SINGLE-PAIR PROTECTION CARDS (16 V CLAMPING)

Package of four, use as replacement or in combinations with base unit cards to mix Cat 5e protection with telecommunications protection.

Anixter No.	Vendor No.	Description
265843	CC-CAT5-16	Use as replacements or in combination with Linx CC-CAT5-235 cards
265844	CC-CAT5-235	Use as replacements or in combination with Linx CC-CAT5-16 cards

ITW Linx

DataLinx Protected Patch Panels

ITW LINX



The new ITW Linx DataLinx series provides solid-state primary (UL 497) and isolated loop (UL 497B) protection for your LAN, Voice over IP, Video over IP and Power over Ethernet. The DL1200-T1A series is UL Listed secondary (UL 497A) and includes 160 mA overvoltage protection for T1/ISDN lines.

FEATURES

- 12 ports with replaceable 4-port card modules
- 110 punch-down input to RJ45 output
- Power over Ethernet protector meets IEEE 802.3af standard
- Single-height, 19 in., rack-mountable chassis (1U)
- Used between buildings in a campus environment as a building entrance protector

DL-1200 PROTECTED PATCH PANELS

Anixter No.	Vendor No.	Description
262045	DL1200	DataLinx 1200 - 12-port Cat 5e, UL Listed primary (UL 497) Ethernet protector, 16 V clamping, 110 punch-down input/output
265006	DL1200-POE	DataLinx 1200 - 12-port Cat 5e, UL Listed primary (UL 497) Power over Ethernet protector per IEEE 802.3af, 16 V clamping data pairs, 62 V power pairs, 110 punch-down input/output
400593	DL1200-CAT5	DataLinx 1200 - 12-port Cat 5e, UL Listed primary (UL 497) Ethernet protector, 16 V clamping, RJ45 in/out

DL-1200 REPLACEMENT CARDS

Anixter No.	Vendor No.	Description
266162	DL1200-RC-16	For DL1200
266163	DL1200-RC-POE	For DL1200 PoE per IEEE 802.3af

Middle Atlantic

High-density Slim 115 volt Vertical Power Strips

MIDDLE ATLANTIC PRODUCTS

FEATURES

- Slim 1 5/8 in. width uses a minimum of rack space
- Outlets are spaced to accommodate plug-in power supplies
- Ships complete with a 10 ft. power cord terminated with a NEMA 5-15P plug, and 15 amp circuit breaker
- UL and CSA Listed

Anixter No.	Vendor No.	Description
258735	PD-2415SC-NS	24-outlet, 15 amp vertical power strip, slim style, no surge protection
258736	PD-815SC-NS	8-outlet, 15 amp vertical power strip, slim style, no surge protection
268475	PD-2415SC	24-outlet, 15 amp vertical power strip, slim style
266386	PD-815SC	8-outlet, 15 amp vertical power strip, slim style



PDT Series Power Strips

MIDDLE ATLANTIC PRODUCTS

15 AMP

Anixter No.	Vendor No.	Description
449725	PDT-1015C-M-NS	10-outlet, single 15 amp circuit with current meter, thin power strip with 9 in. cord
319811	PDT-1015C-NS	10-outlet, 15 amp vertical power strip, thin series, cord, no surge protection
449726	PDT-1015C-NS20	10-outlet, single 15 amp circuit thin power strip with 20 in. cord
449727	PDT-1015C-RN	10-outlet, single 15 amp circuit, 2-stage surge/spike, remote notify, thin power strip with 9 in. cord
449728	PDT-1615C-NS	16-outlet, single 15 amp circuit thin power strip with 9 in. cord
449729	PDT-2015C-M-NS	20-outlet, single 15 amp circuit with current meter, thin power strip with 9 in. cord
319812	PDT-2015C-NS	20-outlet, 15 amp vertical power strip, thin series, cord, no surge protection



Anixter No.	Vendor No.	Description
449730	PDT-2015C-RN	20-outlet, single 15 amp circuit, 2-stage surge/spike, remote notify, thin power strip with 9 in. cord
326274	PDT-2X1015	20-outlet, single/dual 15 amp circuit, thin power strip with J-Box, ISO ground configurable
319814	PDT-2X1015T	20-outlet, 72 3/4 in. with J-Box ground top
20 AMP		
240913	PD-620C-NS	6-outlet - 20 amp (1 circuit), cord with NEMA 5-20P plug, circuit breaker
240920	PD-620J-IG	6-outlet - 20 amp ISO ground (1 circuit), J-Box
240914	PD-1020C-NS	10-outlet - 20 amp (1 circuit), cord with NEMA 5-20P plug, circuit breaker
240921	PD-1020J-IG	10-outlet - 20 amp ISO ground (1 circuit), J-Box
231114	PD-1220C-NS	12-outlet - 20 amp (1 circuit), cord with NEMA 5-20P plug, circuit breaker
240922	PD-1220J	12-outlet - 20 amp (1 circuit), J-Box
240919	PD-1220J-IG	12-outlet - 20 amp ISO ground (1 circuit), J-Box
240918	PD-2X620J	12-outlet - 20 amp (2 circuit), J-Box

Multi-mount Rack-mount Power Strips - 15 amp

MIDDLE ATLANTIC PRODUCTS



The new single-circuit, 15 amp rack-mount power-distribution system provides 20 total outlets within a shallow depth.

FEATURES

- Versatile design allows for the unit to be mounted either horizontally or vertically in the rack
- Shallow 4 in. depth
- 20 total outlets (10 on front of unit, 10 on rear of unit)
- 9 in., 14-gauge Signal Safe power cord minimizes the effects of AC magnetic fields
- Reversible, adjustable mounting ears provide more flexible installation options with either 0-degree or 90-degree mounting
- Outlets are oriented in various directions to accommodate plugs of different shapes, sizes and orientations. When installed with 90-degree orientation, the unit supports heavy "wall wart" power supply plugs

Continued on next page > >

Power Supplies and Protection

Middle Atlantic

(continued) Multi-mount Rack-mount Power Strips - 15 amp

Anixter No.	Vendor No.	Description
449770	PD-1815R-RN	18-outlet, single 15 amp circuit with 2-stage surge/spike, remote notify, black powder-coat finish
449771	PD-1820R-RN	18-outlet, single 20 amp circuit with 2-stage surge/spike, remote notify, black powder-coat finish
449772	PD-2020R-NS	20-outlet, single 20 amp circuit with black powder-coat finish
380261	PD-2015R-HH-NS	One 15 amp with illuminated power switch
380260	PD-2015R-NS	One 15 amp, no power switch

115 volt Rack-mount Power Strips - 15 amp

MIDDLE ATLANTIC PRODUCTS



The PD-915R rack-mount 15 amp power-distribution unit is equipped with eight rear outlets and one front outlet. Standard equipment includes surge and spike protection, EMI filtering and a 9 foot cord. An illuminated combination power switch/circuit breaker is located on the front panel.

FEATURES

- Occupies one rack space
- UL Listed in the U.S. and Canada

Anixter No.	Vendor No.	Description
231128	PD-915R	9-outlet, 15 amp rack-mount power strip
334452	PD-915RV-RN	9-outlet, 15 amp rack-mount power strip, with 2-stage surge protection

115 volt Rack-mount Power Strips - 20 amp

MIDDLE ATLANTIC PRODUCTS



The PD-920R-NS rack-mount 20 amp power-distribution unit is equipped with eight circuit breaker-protected rear outlets (NEMA 5-20R), and one 15 amp front outlet (NEMA 5-15R). An illuminated power switch is located on the front panel and a 20 amp circuit breaker is located in the rear.

FEATURES

- UL Listed in the U.S. and Canada
- Occupies one rack space

Anixter No.	Vendor No.	Description
231131	PD-920R-NS	9-outlet, 20 amp rack-mount power strip, no surge protection

115 volt Vertical Power Strips - 30 amp

MIDDLE ATLANTIC PRODUCTS

The PD Series dual-circuit 30 amp power-distribution strip supplies power on two circuits to 15 amp equipment. With 12 duplexes (24 outlets) and a 9 1/2 foot cord, this new power strip allows connection to uninterruptible power supplies. Ideal for high-density server cabinets. UL listed in the U.S. and Canada.

Anixter No.	Vendor No.	Description
369864	PD-2X1215TL-30CB	24 outlet (12 per circuit) - 2x15 amp circuits, cord with NEMA L5-30P plug, circuit breakers



Uninterruptible Power Supply

MIDDLE ATLANTIC PRODUCTS



Pure Sine Wave technology provides optimum waveform for sensitive A/V components. Line interactive with automatic voltage regulation. Compact rack-mount is only 19 in. deep.

Easily integrates with control systems using RS-232 and analog I/O. Total of eight surge-protected outlets. Expansion battery pack option. Connect up to 10 to a single UPS for extended half-load runtimes of up to 20 hours. Energy Saver circuitry reduces power consumption by up to 75 percent when compared with traditional UPS designs. Three-year warranty.

Anixter No.	Vendor No.	Description
394381	UPS-1000R	1,000 VA / 750 W UPS, 3.5 in. H x 17 in. W x 19 in. D
394382	UPS-2200R	2,150 VA / 1,650 W UPS, 3.5 in. H x 17 in. W x 19 in. D
394383	UPS-EBPR	UPS expansion battery pack, 3.5 in. H x 17 in. W x 19 in. D
394384	UPS-RBP	UPS replacement battery pack

Minuteman

PRO-LCD Series UPS

MINUTEMAN



The Minuteman PRO-LCD Series is a 120 V, line-interactive UPS, designed to fit on or under a desk where the user requires backup times from ten to 30 minutes of runtime. It has automatic voltage regulation, large capacity hot-swappable batteries and ships with SentryPlus power monitoring and management software.

FEATURES

- Automatic voltage regulator (AVR) provides boost/buck voltage regulation
- Hot-swappable batteries
- Phone/fax/network protection
- Large battery capacity for longer runtimes than competitive units
- Six battery/surge-protected receptacles, two surge-only receptacles
- Includes Minuteman SentryPlus Power Management Software CD and communications cables
- USB communications port
- Three-year parts and labor warranty, including non-prorated battery coverage
- Small-footprint design

Anixter No.	Vendor No.	No. of Outlets	Capacity VA/watts
444617	PRO500LCD	6	500/300
444618	PRO700LCD	6	700/490
444619	PRO1100LCD	6	1,100/770

UPS Accessory Cards

MINUTEMAN



SNMP accessory cards are available for PRO-RT, EnterprisePlus and Endeavor Series UPSs. Cards allow monitoring and communication with the UPS and provide ability to issue commands.

FEATURES

- SNMP-NV6 - IPv4/IPv6 compliant management of UPS via network management system or browser
- SNMP-NET - Allows management of UPS via network management system or browser

- Network management - manage UPS from any workstation via browser
- Remote monitoring via SNMP, HTTP, multiple server shut-down, notification of traps
- SNMP-SSL - All features of SNMP-NET, with SSL, SSH, HTTPs and SNMPv3 enhanced security protocols
- SNMP-ENV - Environmental-probe measures temp, humidity, works with SNMP-NET
- Additional environmental devices available include fire, smoke, water, door and vibration sensors

Anixter No.	Vendor No.	Description
509881	SNMP-NV6	IPv4 and IPv6 compatible network management card
428513	SNMP-NET	UPS communications/management card
444634	SNMP-SSL	SSL/SSH/HTTPs/SNMPv3 enabled UPS communications card
444635	SNMP-ENV	Temperature/humidity probe for use with SNMP-NET and SNMP-SSL cards

EnterprisePlus Series UPS

MINUTEMAN



The Minuteman EnterprisePlus Series is a true sine wave extended runtime UPS, designed for 2U (3.5 in.) high rack-mount (19 in. or 23 in.), tower or optional wall-mount configurations. The 23 in. rack- or wall-mount installations require the optional rack and wall kits. Models available in 120 V and 208 V versions.

FEATURES

- Up to 0.88 power factor - increases the capacity of the unit without migrating to larger models
- Load shedding - extends the time of critical applications without adding external battery packs by removing power to non-essential devices connected to the same UPS
- Independent battery bypass - allows the UPS to provide voltage regulation with surge and spike protection on the utility AC power even when batteries are weak or dead
- Virtually unlimited, extended runtime for critical applications - battery packs can be connected to the EnterprisePlus UPS for extending runtimes
- Flexibility in installation, floor-standing tower and 19 in. rack-mount hardware is included. Optional installation kits are available for 23 in. racks/cabinet and wall-mount installation
- Small form factor - 3.5 in. (2U) rack/tower case style
- Optional SNMP card for remote power management (SNMP or web browser)
- Independent battery pack chargers - reduces battery recharge times
- Simultaneous DB9, USB and SNMP communications
- Minuteman SentryPlus UPS monitoring and control software included
- Easy-to-read front panel display with load/battery meter
- Industry-high product protection with three-year non-prorated warranty (including batteries)
- Dedicated remote emergency power off (EPO) port

Continued on next page >>

Power Supplies and Protection

Minuteman

(continued) EnterprisePlus Series UPS

- 120 V and 208 V models available
- RoHS compliant
- Protects your investment - connected equipment is covered with \$100,000 Minuteman Platinum Protection Plan (U.S. and Canada only)

Anixter No.	Vendor No.	Description	Input Voltage	Capacity VA/watts
347697	E750RM2U	6 outlets (5-15R)	120	750/600
347698	E1000RM2U	6 outlets (5-15R)	120	1,000/800
347699	E1500RM2U	6 outlets (5-15R)	120	1,500/1,200
347702	E1500RMT2U	6 outlets (6-15R)	208	1,500/1,200
347700	E2000RM2U	6 outlets (5-15/20R) and 1 outlet (L5-20R)	120	2,000/1,760
347701	E3000RM2U	6 outlets (5-15/20R) and 1 outlet (L5-30R)	120	3,000/2,560
347703	E3000RMT2U	6 outlets (6-15/20R) and 1 outlet (L6-30R)	208	3,000/2,560

BATTERY PACKS AND MOUNTING KITS

Anixter No.	Vendor No.	Description
347704	EBP36XL	External battery pack for E750RM2U, E1000RM2U, E1500RM2U and E1500RMT2U
347705	EBP72XL	External battery pack for E2000RM2U, E3000RM2U and E3000RMT2U
376305	EBP36EXL	High-capacity external battery pack for E750RM2U, E1000RM2U, E1500RM2U and E1500RMT2U
376307	EBP72EXL	High-capacity external battery pack for E2000RM2U, E3000RM2U and E3000RMT2U
347735	EBRKT23	Optional 23 in. rack installation kit for all PRO-RT models
347734	EBRKTWALL	Optional wall-mount kit for use on all PRO-RT models
426921	EBRKTTRAIL	Optional 19 in. rail kit for use on all EnterprisePlus and Endeavor models

PRO-RT Series UPS

MINUTEMAN



The Minuteman PRO-RT Series is a value-priced, yet feature-rich UPS incorporating line-interactive technology, designed for 2U (3.5 in.) high rack-mount (19 in. or 23 in.), tower or wall-mount configurations.

FEATURES

- Automatic voltage regulator (AVR) provides boost/buck voltage regulation
- Six battery/surge-protected receptacles, two surge-only receptacles
- Fax/modem/data protection
- Optional SNMP card for remote power management (SNMP or Web browser)

- Includes Minuteman SentryPlus CD and communications cable
- Simultaneous USB and RS-232 communications
- RoHS compliant
- Hot-swappable batteries

Anixter No.	Vendor No.	Capacity VA/watts	Description
424109	PRO1000RT	1,000/700	1,000 VA rack/tower or optional wall-mount UPS
424110	PRO1500RT	1,500/1,050	1,500 VA rack/tower or optional wall-mount UPS

MOUNTING KITS

Anixter No.	Vendor No.	Description
347734	EBRKTWALL	Optional wall-mount kit for use on all PRO-RT models
347735	EBRKT23	Optional 23 in. rack installation kit for all PRO-RT models

Endeavor Series UPS

MINUTEMAN



The Minuteman Endeavor Series is a true online, double-conversion, true sine wave output extended runtime UPS, designed for 2U (3.5 in.) high rack-mount (19 in. or 23 in.), tower or wall-mount configurations. The 23 in. rack- or wall-mount installations require the optional rack and wall kits. Models available in 120 V and 208 V versions.

FEATURES

- Floor-standing tower, 19 in. rack and cabinet installation kits included
- 23 in. rack or cabinet installation kit optional
- Wall-mount or 19 in. rail-mount installation kit optional
- 3.5 in. 2U rack/tower case style
- Up to a 0.8 power factor (in watts) for larger capacities
- Output receptacle control for non-critical load-shedding capability
- Extended runtime using external battery packs
- Independent battery pack chargers to reduce battery recharge times
- Simultaneous RS-232, USB and SNMP communications
- Minuteman SentryPlus UPS monitoring and control software
- Front panel display with load/battery meter and status indicators
- Dedicated remote emergency power off (EPO) port
- Hot-swappable batteries
- RoHS compliant

Anixter No.	Vendor No.	Description	Capacity VA/watts	Input Voltage
347706	ED1000RM2U	Output receptacles: ED1000RM 24 (6) 5-15R	1,000/800	120
347710	ED1000RMT2U	Output receptacles: ED1000RMT 24 (4) 6-15R	1,000/800	208
347707	ED1500RM2U	Output receptacles: ED1500RM24 (6) 5-15R	1,500/1,200	120

Anixter No.	Vendor No.	Description	Capacity VA/watts	Input Voltage
347711	ED1500RMT2U	Output receptacles: ED1500RMT24 (4) 6-15R	1,500/1,200	208
347708	ED2000RMT2U	Output receptacles: ED2000RMT24 (6) 5-15/ 20R and (1) 15-20R	2,000/1,600	120
347712	ED2000RMT2U	Output receptacles: ED2000RMT24 (4) 6-15/ 20R and (1) 16-20R	2,000/1,600	208
347709	ED3000RMT2U	Output receptacles: ED3000RMT24 (6) 5-15/ 20R and (1) 15-30R	3,000/2,100	120
347713	ED3000RMT2U	Output receptacles: ED3000RMT24 (4) 6-15/ 20R and (1) 16-30R	3,000/2,100	208

BATTERY PACKS AND MOUNTING KITS

Anixter No.	Vendor No.	Description
347714	EDBP24XL	External battery pack for ED1000RM(T)2U
347715	EDBP48XL	External battery pack for ED1500RM(T)2U and ED2000RM(T)2U
347716	EDBP72XL	External battery pack for ED3000RM(T)2U
376313	EDBP24EXL	High-capacity external battery pack for ED1000RM(T)2U
376316	EDBP48EXL	High-capacity external battery pack for ED1500RM(T)2U and ED2000RM(T)2U
376317	EDBP72EXL	High-capacity external battery pack for ED3000RM(T)2U
347734	EBRKTWALL	Optional wall-mount kit for use on all PRO-RT models
347735	EBRKT23	Optional 23 in. rack installation kit for all PRO-RT models
426921	EBRKTRAIL	Optional 19 in. rail kit for use on all EnterprisePlus and Endeavor models

FEATURES

- The EnSpire Series automatically recognizes USB connections with its HID (human interface device)-compliant USB communications
- Minuteman SentryPlus auto-shutdown and monitoring software is included with every unit
- LCD display shows status, estimated runtime, input/output voltages and more on EN750/EN900 models
- Telephone/fax/modem line protection
- All EnSpire products are RoHS compliant, using non-hazardous materials making them safer for the environment (excludes lead acid batteries)

Anixter No.	Vendor No.	Description	Capacity VA/watts
347689	EN400	3 outlets UPS (5-15R) and 3 outlets surge-only (5-15R)	400/200
347690	EN600	3 outlets UPS (5-15R) and 3 outlets surge-only (5-15R)	600/300
396724	EN750	4 outlets UPS (5-15R) and 4 outlets surge-only (5-15R) LCD display	750/375
396726	EN900	4 outlets UPS (5-15R) and 4 outlets surge-only (5-15R) LCD display	900/450

ETR Series UPS

MINUTEMAN



The Minuteman ETR Series is a value-priced line-interactive UPS providing users with all the features usually available in higher-priced UPS products. The ETR series UPSs are ideal for small power loads and where space is limited.

FEATURES

- Automatic voltage regulator (AVR) provides boost/buck voltage regulation
- Fax/modem/data line protection
- Four surge only outlets and four battery and surge with two transformer blocks
- Includes Minuteman SentryPlus CD and communications cable
- USB communications port
- RoHS compliant
- Hot-swappable batteries

Anixter No.	Vendor No.	Output Receptacles	Capacity VA/watts
347691	ETR500	(8) 5-15R	500/300
347692	ETR700	(8) 5-15R	700/420
347693	ETR1000	(8) 5-15R	1,000/600
347694	ETR1500	(8) 5-15R	1,500/900

EnSpire Series UPS

MINUTEMAN



The Minuteman EnSpire Series is a 120 V, standby, simulated sine wave desktop UPS for PCs, key systems and small network devices. Each unit is wall-mountable and includes three battery/surge-protected outlets and three surge-only outlets (EN400/EN600) or four battery/surge, four surge-only (EN750/EN900), with two of each type of outlet spaced to accommodate large transformers.

Power Supplies and Protection

Minuteman

MMS130RC Surge Protector

MINUTEMAN



The Minuteman MMS130RC provides high-performance surge protection, preventing surges and spikes from damaging valuable equipment. This unique product features rotatable receptacles and high joules rating for maximum protection.

FEATURES

- Designed for use with flat-screen monitors
- Three receptacles mounted on the side including one rotating
- One rotating coax in/out connection
- 1,080 joules of protection
- UL certified and RoHS compliant
- 15 amps, 1,800 watts maximum

Anixter No.	Vendor No.	Description
509894	MMS130RC	Three receptacles, one rotating, coax protection

MMS780R Surge Protector

MINUTEMAN



The Minuteman MMS780R Surge Protector provides high-performance surge protection, preventing surges and spikes from damaging valuable equipment. This unique product features six rotatable receptacles, two fixed receptacles, coax protection, phone/fax/modem protection, and high joules rating for maximum protection.

FEATURES

- Wall mountable
- 2,160 joules of protection
- UL certified
- RoHS compliant
- 15 amps, 1,800 watts maximum

Anixter No.	Vendor No.	Description
347685	MMS780R	8-outlet/6-rotating outlet surge suppressor

MMS7120RCT Surge Protector

MINUTEMAN



The Minuteman MMS7120RCT Surge Protector provides high-performance surge protection, preventing surges and spikes from damaging valuable equipment. This unique product feature eight rotatable receptacles, four fixed receptacles and high joules rating for maximum protection.

FEATURES

- Coax protection and phone/fax/modem protection
- Wall mountable
- 4,320 joules of protection
- 9 foot power cord
- UL certified and RoHS compliant
- 15 amps, 1,800 watts maximum

Anixter No.	Vendor No.	Description
347687	MMS7120RCT	12-outlet/8-rotating outlet surge suppressor with coax and phone line protection

2-port Remote Power Manager

MINUTEMAN



The Minuteman RPM1521 is a 2-port remote power manager. It controls AC power for up to two connected devices such as servers, switches, routers, modems, and telephone systems. The RPM 1521 can be monitored and managed through a Web browser or SNMP Network Management System (NMS). Notifications are made via e-mail, SNMP trap or SMS text message broadcast. Reboots and resets can be managed with a PC, laptop, tablet or smartphone.

FEATURES

- Two surge-protected receptacles, independently addressable
 - RJ45 network connection using a static IP address
 - 1,200 joules of surge protection
 - Auto-ping feature senses locked up devices
 - Managed through Web browser or SNMP
 - 12 amps maximum load
 - UL certified and RoHS compliant
- | Anixter No. | Vendor No. | Description |
|-------------|------------|--|
| 509898 | RPM1521 | Two receptacles, remote power management, 1,200 joules, IP addressable |

8-port Remote Power Managers

MINUTEMAN



The Minuteman RPM1581HVN (120 V) and the RPM2082HVI (208 V) are 8-port remote power managers. These units allow the user to individually control AC power for up to eight connected devices such as servers, switches, routers, modems, and telephone systems. These RPMs connect to the network via an RJ45 connector and use a static IP address. The RPMs can be monitored and managed through a Web browser or SNMP Network Management System (NMS). Notifications are made via e-mail, SNMP trap or SMS text message broadcast. Reboots and resets can be managed with a PC, laptop, tablet or smartphone. The RPMs also features an amp meter showing system load.

FEATURES

- Eight receptacles, independently addressable
 - SSL and HTTPS data encryption
 - Auto-ping feature senses locked up devices
 - Scheduled on/off cycling
 - Rack-mountable, 1U
 - 12 amps maximum load
 - UL certified and RoHS compliant
- | Anixter No. | Vendor No. | Description |
|-------------|------------|-------------|
| 509900 | RPM1581HVN | 120 V model |
| 509902 | RPM2082HVI | 208 V model |

Power Supplies and Protection

PowerDsine

PowerDsine 9000G High Power PoE Midspan Family

POWERDSINE



Microsemi's PowerDsine 9000G family is designed specifically to power 802.11n and 802.3at access points, PTZ and dome network cameras, video phones, thin clients and other Ethernet end terminals that require high power. The PowerDsine 9000G family includes 6-, 12- and 24-port models, which are fully backward compatible and safe to use with any 802.3af terminal such as VoIP phones, IP cameras and WLAN access points. With PowerDsine PoE midspans, data and power flow smoothly and safely over a single LAN cable with no interference, leaving your network infrastructure completely unaltered. Power redundancy through mutual Midspan backup or PD-RPS.

FEATURES

- High power over two pairs - 36 W per port
- IEEE 802.3at-compliant
- Supported data rates: 10/100/1000BASE-T
- Mutual midspan-to-midspan backup
- DC backup via external PowerDsine RPS products
- PowerView Pro remote SNMPv3 and Web-based management
- Supports both IPv4 and IPv6 addressing
- PoE 802.3af backward compatible
- Powers all pre-standard 802.11n APs (including Cisco)

HIGH POWER GB POE MIDSPANS

Anixter No.	Vendor No.	Description
393179	PD-9006G/ACDC/M	6-port
393178	PD-9012G/ACDC/M	12-port
393176	PD-9024G/ACDC/M/F	24-port

19 IN. RACK-MOUNTABLE EXTERNAL POWER SUPPLY

Anixter No.	Vendor No.	Description
393180	PD-RPS-1000	1,000 W
393181	PD-RPS-450	450 W
393182	PD-RPS-CABLES	Set of RPS cables (DC and communications) for the 9000 family

PowerDsine 3500G Power over Ethernet Midspan Family

POWERDSINE



Microsemi's PowerDsine 3500G family offers a cost-effective, fully IEEE 802.3af-compliant solution to upgrade existing infrastructure with PoE and provides

a maximum of 15.4 watts of power through each port. It allows IP telephones, wireless LAN access points, security network cameras and IP terminals to receive power, along with data at gigabit speed, over standard Ethernet cables, leaving network infrastructure completely unaltered, making it a cost-effective solution to upgrade existing infrastructure to PoE.

FEATURES

- Plug-and-play installation
- Safe and reliable power over existing Ethernet infrastructure
- Safe solution that protects network infrastructure
- Scalable 6-, 12- and 24-port models for scalable installation
- Cisco and legacy device compatibility
- Supported data rate: 10/100/1000BASE-T

Anixter No.	Vendor No.	Description
391097	PD-3506G/AC	6-port, 100 watts total power, AC input
391098	PD-3512G/AC	12-port, 200 watts total power, AC input
391099	PD-3524G/AC	24-port, 200 watts total power, AC input
391256	PD-3524G/AC/F	24-port, 400 watts total power, AC input

PowerDsine 3501G Power over Ethernet Single-port Midspan

POWERDSINE



The PowerDsine 3501G PoE single-port midspan (PoE injector) offers a compact and cost-effective, fully IEEE 802.3af-compliant solution for remote powering of wireless LAN (WLAN) access points, IP cameras and other low-port density installations. The 3501G PoE midspan eliminates the need for external power supply and its associated AC/DC power cabling, providing a compact, affordable, safe and reliable power solution over existing Ethernet infrastructure.

FEATURES

- Investment protection of existing Ethernet switches and cabling infrastructure
- Supported data rate: 10/100/1000BASE-T
- Easy plug-and-play installation for quick and easy to add PoE to any network
- Several units can be mounted adjacently for powering more than one Ethernet terminal
- Cisco and Legacy device compatibility

Anixter No.	Vendor No.	Description
456674	PD-3501G/AC	1-port

PowerDsine 9001GR Power over Ethernet Midspan

POWERDSINE



Microsemi's PowerDsine 9001G is a single-port, PoE solution for current and emerging high-power applications. Delivering up to 30 W, the PD-9001G enables remote power for a new range of applications including 802.11 access points, PTZ cameras and video phones. It complies to IEEE 802.3af PoE standard parameters, and to the latest IEEE802.3at standard. It can power both existing 10/100BASE-T network devices and emerging wireless 1000BASE-T devices such as WiMAX and wireless IEEE 802.11n access points.

FEATURES

- Up to 30 W of power over two pairs
- Compatible with all IEEE 802.3af or legacy Cisco powered devices
- Safe: Low-power devices receive only the power they need
- Automatic detection and protection of non-standard Ethernet terminals
- Compact design fits easily into WLAN access point installations

Anixter No.	Vendor No.	Description
491181	PD-9001GR/AC	30 W port
405066	PD-9001G-40/SP/AC	40 W port, with lightning protection

PowerDsine 9501G Power over Ethernet Midspan

POWERDSINE



Microsemi PowerDsine 9501G is a single-port, PoE solution for remote powering of current and emerging high-power applications. Generating a maximum of 60 W, the PD-9501G enables remote power for a new range of new applications, including PTZ cameras, video phones and thin clients. It complies with IEEE 802.3at PoE standard parameters, while doubling the available power.

FEATURES

- IEEE 802.3af-compliant with higher power
- Backwards compatible with all Cisco and legacy devices
- Safe: Low-power devices receive only the power they need; two-pair PDs receive power on two pairs
- Automatic detection and protection of non-standard Ethernet terminals

- Supports 10/100/1000BASE-T applications and remote distance wireless IEEE 802.11n access points
- Compact design fits easily in WLAN access-point installations

Anixter No.	Vendor No.	Description
406585	PD-9501G/AC	Single-port high-power midspan

PowerDsine 951 60 W, Four-pair Splitter

POWERDSINE



The PowerDsine's PD-AS-951 high-power active splitters enable data terminals that were not originally designed to accept Power over Ethernet, to be powered by PoE midspans. The PD-AS-951 high-power splitter (user-selectable 12 V or 24 V) can power devices such as WiMAX CPEs, small WiMAX base-stations, 802.11n access points, thin clients, PTZ IP cameras, video phones and more.

FEATURES

- 2 x RJ45, shielded, EIA 568A and 568B
- Data rate 10/100/1000 Mbps
- Electrical pin assignment and polarity
- Use with PD-9500G series

Anixter No.	Vendor No.	Description
414987	PD-AS-951/12-24	Four pairs high-power splitter
419318	PD-AS-951/12-24/C	Four pairs high-power splitter with open DC wires

PowerDsine 9500G Power over Ethernet Midspan Family

POWERDSINE



Microsemi's PowerDsine 9500G family is currently available in 6-, 12- and 24-port models. Generating a maximum of 60 W, the PD-9500G devices enable remote power for a new range of applications including PTZ cameras, video phones and thin clients. It complies with IEEE 802.3at PoE standards, while doubling the available power.

FEATURES

- Backward compatible with all Cisco and legacy devices
- Safe: Low-power devices receive only the power they need; two pair PDs receive power over only two pairs
- Safe and reliable PoE
- Automatic detection and protection of nonstandard Ethernet terminals

Continued on next page >>

Power Supplies and Protection

PowerDsine

(continued) PowerDsine 9500G Power over Ethernet Midspan Family

- Supports 10/100/1000BASE-T applications and remote wireless IEEE 802.11n access points
- Remote SNMPv3 or Web-based management
- Supports both IPv4 and IPv6 addressing

Anixter No.	Vendor No.	Description
433254	PD-9506G/ACDC/M	6-port, 60 W, DC and AC input
433255	PD-9512G/ACDC/M	12-port, 60 W, DC and AC input
461054	PD-9524G/ACDC/M	24-port, 72 W, AC and DC input

PowerDsine RPS Redundant External Power Supply

POWERDSINE



PowerDsine RPS devices are designed to provide power supply back up for IP cameras and other installations that require complete power supply reliability. Networks will experience guaranteed uptime in case of AC power outage, or internal power-supply failure. It provides further support through increased power availability to midspan in the case where powered devices require more power than originally planned. Full power to all ports can be made available through the low cost addition of a PD-RPS device to an existing PoE network.

FEATURES

- Plug-and-play installation
- Compatible with variety of PoE midspans
- Remote network management through PowerView Pro
- AC backup when two AC circuits are available
- External power supplies are mountable to 19 in. racks

Anixter No.	Vendor No.	Description
393180	PD-RPS-1000	1,000 W
393181	PD-RPS-450	450 W
453996	PD-RPS-CABLES	Spare cable set

PowerDsine PoE Extender

POWERDSINE



The PowerDsine PoE extender allows for PoE installations beyond 100 M. Multiple PoE extenders may be used in parallel to extend IEEE 802.3af PoE delivery to as much as 500 M.

FEATURES

- 10/100/1000BASE-T data rates supported
- PoE 802.3af backward compatible
- No local AC power required

Anixter No.	Vendor No.	Description
427377	PD-POE EXTENDER	Single-port PoE extender

PowerDsine 701 High-power 30 W Splitter

POWERDSINE



The PowerDsine PD-AS-701 high-power active splitters enable data terminals that were not originally designed to accept Power over Ethernet, to be powered by HiPoE switches and midspans. The PD-AS-701 high-power series (12 V, 18 V and 24 V) can power devices such as WiMAX CPEs, small WiMAX base stations, 802.11n access points, thin clients, PTZ IP cameras, video phones and more.

FEATURES

- Connectors 2 x RJ45, shielded, EIA 568A and 568B
- Data rate 10/100/1000 Mbps
- Electrical pin assignment and polarity

Anixter No.	Vendor No.	Description
361268	PD-AS-701/12	High-PoE active splitter for use with PD-7000G injector. 12 V output. Includes 2 x DC jacks: round 3.4 x 1.35 mm and 5.5 x 2.5 mm
361269	PD-AS-701/18	High-PoE active splitter for use with PD-7000G injector. 18 V output. Includes 2 x DC jacks: round 3.4 x 1.35 mm and 5.5 x 2.5 mm
361270	PD-AS-701/24	High-PoE active splitter for use with PD-7000G injector. 24 V output. Includes 2 x DC jacks: round 3.4 x 1.35 mm and 5.5 x 2.5 mm

PowerDsine Midspans for Outdoor Installation

POWERDSINE



Microsemi's PowerDsine midspans for outdoor installations deliver up to 60 W of Power over Ethernet along with surge protection for both the AC and the PoE ports ensuring the indoor equipment is protected from outdoor surges.

FEATURES

- IEEE802.3at compliant
- Plug-and-play installation
- Up to 1G data transfer rates and supports 10/100/1000BASE-T applications
- Backwards compatible to support IEEE 802.3af standard devices
- Mounting brackets available as an accessory pack
- IP66 rated
- Lightning protection GR1089

Anixter No.	Vendor No.	Description
456368	PD-9001G0/AC	30 W port
478342	PD-9501G0/AC	60 W port
456369	PD-OUT/MBK	Mounting brackets for outdoor PoE midspan

PowerDsine 9004G Power over Ethernet 4-port Midspan

POWERDSINE



The PowerDsine 9004G PoE midspan is ideal for deployment of IP camera and wireless network upgrades. Delivering up to 30 W of power per port, the PD-9004G is IEEE 802.3at compliant and is ideal for deployments where three to 12 Ethernet end-devices are being deployed. Keep PoE infrastructure separate from data networks for optimal network flexibility and cost-efficiency. Buy only the PoE ports you need and upgrade as your network expands.

FEATURES

- A cost-effective solution to upgrade existing infrastructure to PoE
- Supports 10/100/1000Mbps data rates
- A stand-alone midspan that fits three units in 1U 19 in. rack
- Legacy PoE support

Anixter No.	Vendor No.	Description
507109	PD-9004G/AC	9004G PoE midspan

PowerDsine 3504G Power over Ethernet 4-port Midspan

POWERDSINE



The PowerDsine 3504G offers a cost-effective, fully IEEE 802.3af-compliant solution to upgrade existing infrastructures with PoE. PowerDsine's PD-3504G provides PoE to IP telephones, wireless LAN access points, security network cameras and IP terminals to receive power, along with data, over standard Ethernet cables, leaving network infrastructure completely unaltered.

FEATURES

- Maximum of 15.4 W of power through each port ensuring safe operation of any standard PoE data terminal
- Stackable and compact
- Supports 10/100/1000BASE-T data rates
- Cisco and legacy PoE support
- Plug-and-play installation
- Guaranteed uptime

Anixter No.	Vendor No.	Description
427491	PD-3504G/AC	3504G PoE midspan

PowerDsine 5524G Power over Ethernet 24-port Midspan

POWERDSINE



Reduce your carbon footprint with new energy-efficient PowerDsine Green midspans. The 24-port PowerDsine PD-5524G Energy Efficient Power over Ethernet (EPPoE) Midspan delivers up to 30 W of PoE to network devices including wireless access points, IP cameras, access control systems, thin clients and other Ethernet end terminals. PD-5524F EEPoE midspans are unique in their ability to deliver power over all four pairs of Category 5 or better cable, dissipating 50 percent less power than PoE switches and 2-pair midspans, while fully complying with the IEEE 802.3at-2009 standard.

EEPoE allows reduced power dissipation to new powered devices and also to the huge installed base of over 100 million existing IEEE standard-complaint PDs worldwide.

FEATURES

- IEEE 802.3af and 802.3at compliant
- PowerView Pro secure, remote SNMPv3 Web-based management
- Supports both IPv4 and IPv6 addressing
- Plug-and-play installation
- Guaranteed uptime
- Future proof

Anixter No.	Vendor No.	Description
461056	PD-5524G/ACDC/M	5524G PoE 24-port midspan

Power Supplies and Protection

Tripp Lite

Protect It! Surge Protectors

TRIPP LITE



Surge suppressors feature economical surge, spike and line-noise protection for computers and all electronics. Transformer-friendly designs with diagnostic LEDs that signal potential power problems.

Anixter No.	Vendor No.	Description
381609	TLP4BK	4 outlets, direct plug-in, 670 joules
311438	TLP404	4 outlets, 4 ft. cord, 450 joules
355017	TLP604	6 outlets, 4 ft. cord, 790 joules
355018	TLP606	6 outlets, 6 ft. cord, 790 joules
239714	TLP604TEL	6 outlets, 4 ft. cord, 790 joules, tel/modem protection
444266	TLP74R	7 outlets, 4 ft. cord, 540 joules
200107	STRIKER	7 outlets, 6 ft. cord, 1,080 joules
198193	SUPER7	7 outlets, 7 ft. cord, 2,160 joules
265891	TLP712	7 outlets, 12 ft. cord, 1,080 joules
381607	TLP712B	7 outlets, 12 ft. cord, 1,080 joules, black
241055	SUPER6TEL12	7 outlets, 12 ft. cord, 1,080 joules, tel/modem protection
239711	SUPER7TEL15	7 outlets, 15 ft. cord, 2,520 joules, tel/modem protection
381606	TLP725	7 outlets, 25 ft. cord, 1,080 joules
241054	TLP808	8 outlets, 8 ft. cord, 1,440 joules
241052	TLP810NET	8 outlets, 10 ft. cord, 3,240 joules, tel/modem/TV/Ethernet protection
355019	TLP1008TEL	10 outlets, 8 ft. cord, 2,395 joules, tel/modem protection

Isobar Rack-mount Surge Suppressors

TRIPP LITE



Premium network-grade surge and line-noise protection configurable in 1U rack-mount, wall-mount or under-counter installation.

FEATURES

- Up to three diagnostic LEDs signal potential power problems
- Durable, all-metal housing
- Isolated filter banks eliminate interference between connected equipment (does not include DRS-1215)

Anixter No.	Vendor No.	No. of Outlets	Cord Length	Description
155306	IBAR12	12	15 ft.	3,840 joules, 60,000 amp AC suppression surge current rating
198493	ISOBAR12ULTRA	12	15 ft.	3,840 joules, 96,000 amp AC suppression surge current rating
245597	IBAR12-20T	12	15 ft.	3,840 joules, 20 A, twist-lock plug
200111	ISOBAR1220ULTRA	12	15 ft.	3,840 joules, 20 amp
246717	DRS-1215	14	15 ft.	3,840 joules

Isobar and Isotel Premium Surge Suppressors

TRIPP LITE



Isobar and Isotel surge suppressors offer extremely robust surge protection, with a stronger surge-blocking architecture than other models. Exclusive isolated filter banks eliminate interference between connected equipment. Versatile outlet configurations accommodate multiple transformers without blocking remaining outlets.

FEATURES

- Durable, all-metal housing
- ULTRA models include diagnostic LEDs that signal potential power problems
- ISOTEL models include tel/modem line protection

Anixter No.	Vendor No.	No. of Outlets	Cord Length	Description
097996	ISOBLOK2-0	2	Direct plug-in	1,410 joules
107451	IBAR4	4	6 ft.	3,330 joules
199969	ISOBAR4ULTRA	4	6 ft.	3,330 joules
199971	ISOTEL4ULTRA	4 + RJ11	6 ft.	3,330 joules
199970	ISOBAR6ULTRA	6	6 ft.	3,330 joules
199972	ISOTEL6ULTRA	6 + RJ11	6 ft.	3,330 joules
167777	ISOBAR8ULTRA	8	12 ft.	3,840 joules
355016	ISOTEL8ULTRA	8 + RJ11	12 ft.	3,840 joules

Network Data Line Surge Suppressors

TRIPP LITE



Tripp Lite Network Data Line Surge Suppressors provide reliable surge protection for network cabling, data and CCTV lines. Precise voltage-level monitoring stops incoming surges, without interfering with normal data signals. Cable included with most models.

Anixter No.	Vendor No.	Description
200117	DTEL2	Protects 4, 5 and 3, 6 modem/fax, interface type RJ11/RJ45
200119	DSUT1CSU	Protects 1 to 8, T1, interface type RJ45
239733	DNET1	Protects 1 to 8, RJ45
265894	DCATV	Protects F coax lines at TV and VCR connection points

Line Conditioners

TRIPP LITE



Tripp Lite line conditioners keep equipment working through high-voltage/low-voltage conditions without using an emergency power source such as a UPS system or auxiliary generator. These line conditioners automatically adjust brownouts and overvoltages to provide safe, computer-grade AC power that meets ANSI C84.1 specifications.

FEATURES

- Supports heavy loads from 600 to 2,400 W, with up to 14 outlets
- Diagnostic LEDs on most models indicate voltage levels, surge suppression status and line fault conditions

STANDARD LINE CONDITIONERS

Anixter No.	Vendor No.	Description
239868	LS606M	Six AC receptacles, 600 W
239874	LC1200	Four AC receptacles, 1,200 W
239876	LC1800	Six AC receptacles, 1,800 W
444272	LR2000	Six AC receptacles, 2,000 W
355022	LC2400	Six AC receptacles, 2,400 W

WALL- OR RACK-MOUNT LINE CONDITIONERS

Anixter No.	Vendor No.	Description
239878	LCR2400	14 AC receptacles, 2,400 W, rack mountable
311441	LS604WM	Four AC receptacles, 600 W, wall mountable

Heavy-duty Metal Power Strips

TRIPP LITE



Tripp Lite's Power Strips offer reliable, convenient and cost-effective power distribution for appliances, power tools, lighting and other electrical equipment. Transparent on/off switch provides one-touch power control for connected equipment. Rugged metal case provides extra safety and durability.

Continued on next page >>

Power Supplies and Protection

Tripp Lite

(continued) Heavy-duty Metal Power Strips

Anixter No.	Vendor No.	Description
493589	3SP	3 outlets, 8.6 in. long, illuminated on/off switch and 6 ft. cord
493590	PS6	6 outlets, 9.5 in. long, illuminated on/off switch and 4 ft. cord
405490	UL17CB-15	9 outlets, 12.5 in. long, illuminated on/off switch and 15 ft. cord
493591	UL800CB-15	10 outlets, 17.5 in. long, illuminated on/off switch with cover and 15 ft. cord
355028	TLM615NC20	6 outlets, 13.75 in. long, illuminated on/off switch with cover and 15 ft. cord, 20 amp

Rack Power Distribution Units (PDUs)

TRIPP LITE

FEATURES

- All-metal housing stands up to demanding environments
- Zero U models can be mounted vertically
- Digital current monitoring (select models)
- AT models feature dual-input automatic transfer switching, providing a redundant power option
- 3-phase SR models are switched, N models are monitored

VERTICAL/HORIZONTAL OUTLET POWER STRIPS



Tripp Lite's multioutlet power strips are ideal for supplying power to rack enclosures, workbenches and cubicle work surfaces.

Anixter No.	Vendor No.	Description
211270	PS2408	8 outlets, 24 in. long
211271	PS3612	12 outlets, 36 in. long
211272	PS4816	16 outlets, 48 in. long
211274	PS6020	20 outlets, 60 in. long
211275	PS7224	24 outlets, 72 in. long
211276	PS7224-20	24 outlets, 72 in. long, 20 A circuit breaker
224051	PS7224-20T	24 outlets, 72 in. long, 20 A circuit breaker, twist-lock plug

RACK-MOUNT POWER STRIPS



Tripp Lite's rack-mount power strips offer power distribution in a versatile multimount cabinet. Detachable mounting flanges are configurable for rack-mount, wall-mount and under-counter installation.

Anixter No.	Vendor No.	Description
355029	RS-0615-F	6 outlets 15 ft. 15 A cord, front-facing outlets
264839	RS-0615-R	6 outlets, 15 ft. 15 A cord, rear-facing outlets

Anixter No.	Vendor No.	Description
211268	RS-1215	12 outlets (6 front, 6 rear), 15 ft. 15 A cord
246718	RS-1215-20	12 outlets (6 front, 6 rear), 15 ft. 20 A cord
352699	RS-1215-20T	12 outlets (6 front, 6 rear), 15 ft. 20 A cord, twist-lock plug
246719	RS-1215-RA	12 outlets (6 front, 6 rear), 15 ft. 15 A cord, right-angle outlets accommodate bulky transformers

BASIC PDUS



Improve power distribution, manageability and reliability with multiple AC outlets. Detachable mounting flanges are configurable for wall-mount, under-counter or OU/1U rack-mount installation.

Features:

- All-metal housing stands up to demanding environments
- Metered models display total power consumption
- AT models feature dual AC inputs and automatic transfer switching to safeguard equipment uptime
- NET models provide remote control of individual outlets
- OU models can be mounted vertically

Anixter No.	Vendor No.	Description
246721	PDU1215	1U, 13 outlets (one front/12 rear), 15 A, 15 ft. cord
246723	PDU1220	1U, 13 outlets (one front/12 rear), 20 A, 15 ft. cord
270361	PDU1220T	1U, 13 outlets (one front/12 rear), 20 A, 15 ft. cord, twist-lock plug
305009	PDU1230	1U, 20 outlets (eight front/12 rear), 30 A, 15 ft. cord
305006	PDU1415	OU, 14 outlets, 15 A, 15 ft. cord, switchless design
305008	PDU1420T	OU, 14 outlets, 20 A, 15 ft. cord, twist-lock plug
246724	PDU2430	1U, 24 outlets (12 front/12 rear), 30 A, 15 ft. cord
246725	PDU12IEC	1U, 14 outlets (12 C13, two C19), 16 A, user supplies cord
396486	PDUV15	OU, 14 outlets, 15 A, 15 ft. cord, vertical PDU
396487	PDUV20	OU, 14 outlets, 20 A, 15 ft. cord, vertical PDU
381557	PDUV30HV	OU, 38 outlets (six C19, 32 C13), 30 A, 10 ft. cord, vertical PDU
381558	PDUV	1U, 14 outlets (12 C13, two C19), 16 A, vertical PDU, six plug options (C20, 5-515P, 5-20P, L5-20P and L6-20P)
381559	PDU40TDUAL	OU, 40 outlets, 20 A, 10 ft. cord (each), dual independent circuits

METERED PDUS



Metered PDUs provide safe, reliable power distribution with a digital current meter that shows power consumption of connected equipment. Detachable mounting flanges are configurable for wall-mount, under-counter or 1U/OU rack-mount installation.

Anixter No.	Vendor No.	Description
345203	PDUMH15	1U, 13 outlets, 15 A, 15 ft. cord
381664	PDUMH20	1U, 12 rear-facing outlets, 20 A, 15 ft. cord, metered
454425	PDUMH30	1U, 12 outlets, 30 A, 15 ft. cord
345204	PDUMV15	OU, 16 outlets, 15 A, 15 ft. cord
345205	PDUMV20	OU, 28 outlets, 20 A, 15 ft. cord
381573	PDUMV30	OU, 24 outlets, 30 A, 10 ft. cord
345206	PDUMV40	OU, 32 outlets, 20 A, dual independent circuits, two 10 ft. cords
381571	PDUMV20HV	OU, 38 outlets, 20 A, 10 ft. cord
381572	PDUMV30HV	OU, 30 outlets, 30 A, 10 ft. cord, metered
355030	PDUMH15AT	1U, 8 outlets, 15 A, 12 ft. cord, metered, ATS
355032	PDUMH20AT	1U, 16 outlets, 20 A, 12 ft. cord, metered, ATS

SWITCHED, METERED PDUS



Tripp Lite's switched, metered PDUs feature digital current monitoring, remote control and temperature/humidity monitoring capability and individually controllable outlets.

Anixter No.	Vendor No.	Description
381568	PDUMH30NET	2U, 16 outlets, 30 A, 10 ft. cord, metered, switched
381562	PDUMH15HVNET	1U, 8 outlets, 15 A, 6.5 ft. cord, metered, switched
381565	PDUMH20HVNET	1U, 8 outlets, 20 A, 8.5 ft. cord, metered, switched
381569	PDUMH30HVNET	2U, 16 outlets, 30 A, 10 ft. cord, metered, switched
381561	PDUMV15NET	OU, 16 outlets, 15 A, 10 ft. cord, metered, switched
381563	PDUMV20NET	OU, 24 outlets, 20 A, 10 ft. cord, metered, switched
381566	PDUMV30NET	OU, 24 outlets, 30 A, 10 ft. cord, metered, switched
381564	PDUMV20HVNET	OU, 24 outlets, 20 A, 10 ft. cord, metered, switched
381567	PDUMV30HVNET	OU, 24 outlets, 30 A, 10 ft. cord, switched, metered

Anixter No.	Vendor No.	Description
355034	PDUMH15ATNET	1U, 8 outlets, 15 A, 12 ft. cord, switched, metered, ATS
355035	PDUMH20ATNET	1U, 16 outlets, 20 A, 12 ft. cord, switched, metered, ATS

MONITORED PDUS



Monitored PDUs support real-time remote monitoring of load level, voltage and frequency with options for remote, environmental and security monitoring. PDU power consumption is displayed locally and can be monitored remotely to warn of potential overloads before critical IT main breakers become overloaded.

Anixter No.	Vendor No.	Description
396490	PDUMNH15	1U, 8 outlets, 15 A, 12 ft. cord, monitored
396491	PDUMNH20	1U, 8 outlets, 20 A, 12 ft. cord, monitored
396492	PDUMNV15	OU, 16 outlets, 15 A, 10 ft. cord, monitored
396493	PDUMNV20	OU, 24 outlets, 20 A, 10 ft. cord, monitored
396494	PDUMNV30	OU, 24 outlets, 30 A, 10 ft. cord, monitored
396495	PDUMNV20HV	OU, 24 outlets (20 C13 and four C19), 20 A, 10 ft. cord, monitored
396496	PDUMNV30HV	OU, 24 outlets (20 C13 and four C19), 30 A, 10 ft. cord, monitored

3-PHASE PDUS



Tripp Lite's 3-phase PDUs are ideal for 3-phase network configurations in data centers and heavily configured equipment racks. PDU current consumption is displayed locally via visual meter and can be monitored via the Web/network interface. Supports in-rack environmental and security monitoring for advanced configurations with optional ENVIROSENSE temperature / humidity probe and rack access notification for up to four door sensors (SR SWITCH) or other user-supplied contact-closure sensors.

Anixter No.	Vendor No.	Description
396497	PDU3VSR10L2120	Switched PDU OU vertical, 3-phase, 208 V (21) C13 and (three) C19 L21-20P
396498	PDU3VSR10L2130	Switched PDU OU vertical, 3-phase, 208 V (21) C13 and (three) C19 L21-30P
396500	PDU3VSR10L1530	Switched PDU OU vertical, 3-phase, 208 V (21) C13 and (three) C19 L15-30P
396501	PDU3VSR10G30	Switched PDU OU vertical, 3-phase, 208 V (21) C13 and (three) C19 IEC 309, 30 amp

Continued on next page > >

Power Supplies and Protection

Tripp Lite

(continued) Rack Power Distribution Units (PDUs)

3-PHASE PDUS

Anixter No.	Vendor No.	Description
396502	PDU3VSR10H50	Switched PDU OU vertical, 3-phase, 208 V (21) C13 and (three) C19 IEC 309, CS8365C 50 amp
396503	PDU3VSR10G60	Switched PDU OU vertical, 3-phase, 208 V (21) C13 and (three) C19 IEC 309, 60 amp
450352	PDU3VN3L1530	Monitored PDU OU vertical, 3-phase, 208 V (30) C13 and (six) C19 L15-30P
434943	PDU3VN10L2120	Monitored PDU OU vertical, 3-phase, 208 V (30) C13 and (six) C19 L21-20P
396505	PDU3VN10L2130	Metered PDU OU vertical, 3-phase, 208 V (30) C13 and (six) C19 L21-30P
396506	PDU3VN10L1520	Metered PDU OU vertical, 3-phase, 208 V (30) C13 and (six) C19 L15-20P
396507	PDU3VN10L1530	Metered PDU OU vertical, 3-phase, 208 V (30) C13 and (six) C19 L15-30P
396508	PDU3VN10G30	Metered PDU OU vertical, 3-phase, 208 V (30) C13 and (six) C19 IEC 309, 30 amp
396509	PDU3VN10H50	Metered PDU OU vertical, 3-phase, 208 V (30) C13 and (six) C19 CS8365C, 50 amp
396510	PDU3VN10G60	Metered PDU OU vertical, 3-phase, 208 V (30) C13 and (six) C19 IEC 309, 60 amp

HOT-SWAPPABLE PDUS



Hot-swappable PDUs with manual transfer switch enable live-replacement of standard UPS systems for maintenance with no interruption of connected server or networking loads. Dual power cables support PDU connection to separate utility and UPS power sources.

Anixter No.	Vendor No.	Description
427379	PDUB15	2U, 8 outlets, compatible with 100-127 V UPS up to 1,500 VA with NEMA 5-15P
427380	PDUB20	2U, 8 outlets, compatible with 100-127 V UPS rated 2,200-2,600 VA with NEMA 5-15P
427381	PDUB30	2U, 7 outlets, compatible with 100-127 V UPS up to 3,000 VA with NEMA L5-30P
427384	PDUBHV10	2U, 8 outlets, compatible with 200-240 V UPS up to 1,500 VA with C14 input cable
427385	PDUBHV20	2U, 8 outlets, compatible with 200-240 V UPS rated 2,000 to 3,000 VA with C20 input cable

Smart Advanced Line-interactive Tower UPS Systems

TRIPP LITE



Line-interactive tower protection for servers, security equipment, networks and more. Reliable battery backup plus AVR, surge, spike and line noise protection.

FEATURES

- Advanced automatic voltage regulation corrects brownouts and overvoltages without consuming battery power
- USB and/or DB9 communications ports and included PowerAlert Software provide complete power network monitoring and control

Anixter No.	Vendor No.	Capacity VA/watts	Run Time (Min.) Full/Half Load
381506	SMART750	750/450	5.5/16
254395	SMART1500	1,500/980	7/20

SmartPro Advanced Line-interactive Rack-mount UPS Systems

TRIPP LITE



Line-interactive rack-mount protection for servers, security equipment, telecom systems and more. Advanced automatic voltage regulation (AVR) corrects brownouts and overvoltages without consuming battery power. Reliable battery backup plus surge, spike and line-noise protection.

FEATURES

- Advanced automatic voltage regulation (AVR)
- Expandable runtime with optional external battery packs (denoted with "X" in model number)
- High-density, rack-mountable designs offer maximum protection in minimum rack space
- Up to four communications ports and included PowerAlert software provide complete network power management and control
- Select models feature enhanced power factor rating to support larger loads
- MOD unit features hot-swappable power module and internal battery pack enables maintenance with zero downtime
- Select models available with pre-installed SNMPWEBCARD (denoted with "N" in model number)

Anixter No.	Vendor No.	Description	Capacity VA/watts	Run Time (Min.) Full/Half Load
273248	SMART500RT1U	1U	500/300	3/8
261517	SMART750RM1U	1U	750/600	5/13
245430	SMART1000RM1U	1U	1,000/800	4/14
273250	SMART1000RM2U	2U	1,000/700	7/17
273252	SMART1500RM2U	2U	1,500/ 1,000	7/19
273253	SMART1500RMXL2UA	2U	1,500/ 1,000	7.5/21
509433	SMART1500RM2UN	2U	1,500/ 1,350	4.5/13
509568	SMART1500RMXLN	2U	1,500/ 1,350	4.9/14
493567	SMART1500CRMXL	2U	1,500/ 1,440	6/14
254392	SMART2200RMXL2U	2U	2,200/ 1,600	6/16
509569	SMART2200RM2UN	2U	2,200/ 1,920	4.5/12
509570	SMART2200RMXLN	2U	2,200/ 1,920	4.5/12
226556	SMART2200RM2U	2U	2,200/ 1,920	5/13
509571	SMART3000RM2UN	2U	3,000/ 2,250	3.5/10
226557	SMART3000RM2U	2U	3,000/ 2,250	4/11
444012	SMART3000RMXL2U	2U	3,000/ 2,880	3/10
509572	SMART3000RMXLN	2U	3,000/ 2,880	3/10
493570	SMART5000FXMXL	3U	5,000/ 3,750	8.5/20
493569	SMART2200CRMXL	4U	2,200/ 1,900	11/28
245431	SMART5000RT3U	6U	5,000/ 4,000	16/38

ACCESSORIES

Anixter No.	Vendor No.	Description
279672	2-9USTAND	Pair of adjustable tower stands securely support single or multiple rack-mount UPS and battery packs in 2U to 9U widths
273267	2POSTRMKIT-WM	Kit to mount select 2U, 3U, and 4U UPS systems and batteries in two-post racks (or wall-mount - 2U only)
279749	BP36V15-2U	36 V external battery pack for SMART1500RMXL2UA
250356	BP48V60RT-3U	48 V, 3U extended-run external battery pack for SMART2200RMXL2U, SMART2600RM2U, SMART3000RMXL2U, and SMART5000RT3U (expandable via daisy-chaining)

Anixter No.	Vendor No.	Description
226560	SNMPWEBCARD	Internal management card connects UPS to network and allows UPS monitoring and control via SNMP, Web or Telnet
328626	ENVIROSENSE	Remotely monitors temperature, humidity and contact-closure inputs when used with SNMPWEBCARD

SmartOnline Rack-mount/Tower UPS Systems

TRIPP LITE



The best protection available, SmartOnline UPS Systems provide true online protection with pure sine-wave output and zero transfer time for mission-critical applications. Constant online operation completely isolates sensitive equipment from every power problem on the AC line. Communications ports, SNMP slot and included PowerAlert software manages an entire power network.

FEATURES

- Select models feature hot-swappable design with manual bypass switch for zero downtime, even during UPS maintenance or replacement
- Select models feature enhanced 0.9 power factor rating to support larger loads
- LCD models feature LCD control panel with nine selectable screens of UPS and site power data
- Optional economy mode setting enables UPS to run at up to 96 percent efficiency, reducing power consumption and operating costs
- Expandable runtime with optional battery packs

Anixter No.	Vendor No.	Description	Capacity VA/watts	Run Time (Min.) Full/Half Load
325345	SU750RTXL2U	2U	750/600	4/11
509523	SU750RTXLCD2U	2U	750/675	3/9
493574	SU1000RTXLCD2U	2U	1,000/900	4.8/14
318098	SU1500RTXL2UA	2U	1,500/ 1,200	5/14
509525	SU1500RTXLCD2U	2U	1,500/ 1,350	4.2/14
318099	SU2200RTXL2UA	2U	2,200/ 1,600	4.5/14
509526	SU2200RTXLCD2U	2U	2,200/ 1,800	4/12
427252	SU3000RTXL2U	2U	3,000/ 2,500	6/15
261521	SU3000RTXL3U	3U	3,000/ 2,400	5/14
509527	SU3000RTXLCD3U	3U	3,000/ 2,700	4/11

Continued on next page >>

Power Supplies and Protection

Tripp Lite

(continued) SmartOnline Rack-mount/Tower UPS Systems

Anixter No.	Vendor No.	Description	Capacity VA/watts	Run Time (Min.) Full/Half Load
273256	SU3000RTXL3UHV	3U (200 to 240 V only)	3,000/2,400	5/14
304968	SU5000RT3UHV	5U (200 to 240 V only)	5,000/3,500	8/20
304975	SU5000RT3U	7U	5,000/3,500	8/20
423395	SU5000RT4UHV	4U	5,000/4,500	3.5/11
423397	SU5000RT4UTF	6U	5,000/4,500	3.5/11
309118	SU6000RT3UHV	6U (200 to 240 V only)	6,000/4,200	8/20
245433	SU6000RT3U	9U	6,000/4,200	8/20
279783	SU10KRT3UHV	6U (200 to 240 V only)	10,000/9,000	4.3/12.5

HOT-SWAPPABLE MODULAR MODELS



Independent detachable PDU supplies power during UPS maintenance/replacement, eliminating downtime. Part numbers ending in "HW" indicate hardwire output.

Anixter No.	Vendor No.	Description	Run Time (Min.) Full/Half Load
325341	SU5000RT4U	4U, 5,000 VA/3,800 W	6/14
325342	SU6000RT4U	4U, 6,000 VA/4,200 W	8/20
423399	SU6000RT4UHV	4U, 6,000 VA/5,400 W	2/8.5
423798	SU6000RT4UHVHW	4U, 6,000 VA/5,400 W	2/8.5
423799	SU6000RT4UTF	6U, 6,000 VA/5,400 W	2/8.5
423801	SU6000RT4UTFHW	6U, 6,000 VA/5,400 W	2/8.5
381508	SU8000RT4U	4U, 8,000 VA/5,600 W	5/12
354994	SU8000RT3U1TF	8U, 8,000 VA/7,200 W	5.5/13.5
325337	SU10000RT3U	6U, 10,000 VA/9,000 W	4.3/12.5
325338	SU10000RT3U2TF	10U, 10,000 VA/9,000 W	4.3/12.5
427259	SU12000RT4U	8U, 12,000 VA/8,400 W	7/20
427260	SU12000RT4UHW	8U, 12,000 VA/8,400 W	7/20
381511	SU16000RT4UHW	8U, 16,000 VA/11,200 W	5/12

SmartPro and SmartOnline Intelligent Tower UPS Systems

TRIPP LITE



Intelligent Line-Interactive ("SMART") and SmartOnline ("SU") tower models provide powerful protection against blackouts, brownouts, overvoltages, surges and line noise for servers, security equipment, telecom systems and more. SMART models feature advanced automatic voltage regulation (AVR). SU models provide true online protection with pure sine-wave output and zero transfer time for mission-critical applications. Constant online operation completely isolates sensitive equipment from every power problem on the AC line.

FEATURES

- Up to four communications ports, SNMP slot and included PowerAlert Software provide complete power network monitoring and control
- Expandable runtime with optional battery packs ("XL" models)
- \$250,000 Ultimate Lifetime Insurance

SMARTPRO TOWER UPS — INTELLIGENT, LINE INTERACTIVE

Anixter No.	Vendor No.	Capacity VA/watts	Run Time (Min.) Full/Half Load
381506	SMART750	750/450	5.5/16
254395	SMART1500	1,500/980	7/20
196358	SMART2200NET	2,200/1,700	11/27
354999	SMART2200VS	2,200/1,600	7/19
196359	SMART3000NET	3,000/2,400	7/23
355004	SMART3000VS	3,000/2,250	4/14

SMARTONLINE TOWER UPS — TRUE-ONLINE, DOUBLE-CONVERSION PROTECTION

Anixter No.	Vendor No.	Capacity VA/watts	Run Time (Min.) Full/Half Load
273251	SU1000XLA	1,000/800	4.5/14
355002	SU1500XL	1,500/1,200	4.5/14
273254	SU2200XLA	2,200/1,600	4.5/14

Digital UPS Systems

TRIPP LITE



Tripp Lite digital UPS systems feature a large, easy-to-read LCD screen that shows power conditions and UPS operations in real time - ideal for applications requiring frequent power status monitoring. LCD screen rotates to permit easy viewing in tower-, shelf- and rack-mount installations.

FEATURES

- Automatic voltage regulation (AVR)
- USB ports plus FREE PowerAlert Software provides safe unattended system shutdown
- Eight outlets plus tel/DSL, Ethernet and coaxial line surge protection options
- Compact tower models available (denoted with "T" in the model number)
- Up to \$250,000 Ultimate Lifetime Insurance

Anixter No.	Vendor No.	Capacity VA/watts	Run Time (Min.) Full/Half Load
338867	OMNI650LCD	650/350	3.5/12
341431	OMNI900LCD	900/475	3/10
444034	OMNI1500LCD	1,500/825	2.5/9
509553	OMNI1500LCDT	1,500/810	7.5/24
338869	SMART1000LCD	1,000/500	3/10
338870	SMART1200LCD	1,200/700	4/12
509554	SMART1300LCDT	1,300/720	10/24
341437	SMART1500LCD	1,500/900	3.5/13
509555	SMART1500LCD	1,500/900	10/24

Standby UPS Systems

TRIPP LITE



Ideal protection for PCs and all peripherals, standby UPS systems feature reliable battery backup and surge, spike and line-noise protection.

FEATURES

- USB port and free PowerAlert Software provides automatic, unattended system shutdown
- ECO models feature 99 percent efficiency and outlets that can be configured to automatically power-off idle peripherals, saving up to \$50 on annual energy costs
- Internet and ECO models include tel/DSL surge protection (not BC350)
- LCD models feature LCD screen that shows power conditions and UPS operations in real time
- SER models feature DB9 serial port (No USB)
- BC Pro models feature tower designs with longer runtime
- Up to \$250,000 Ultimate Lifetime Insurance

ECO UPS

Anixter No.	Vendor No.	Capacity VA/watts	Run Time (Min.) Full/Half Load
396483	ECO350UPS	350/180	3/11
396484	ECO550UPS	550/300	3.5/10
444037	ECO650LCD	650/325	3/10
396485	ECO750UPS	750/450	2.5/11.5
444053	ECO850LCD	850/425	2.8/13

INTERNET OFFICE UPS

Anixter No.	Vendor No.	Capacity VA/watts	Run Time (Min.) Full/Half Load
381548	INTERNET350SER	350/180	2.5/10
254396	INTERNET350U	350/180	3/11
381549	INTERNET550SER	550/300	3.5/10
329672	INTERNET550U	550/300	3.5/10
381551	INTERNET600U	600/300	3.5/10
331448	INTERNET750U	750/450	2.5/11
381552	INTERNET900U	900/480	2.5/10

BC PERSONAL UPS

Anixter No.	Vendor No.	Capacity VA/watts	Run Time (Min.) Full/Half Load
355010	BC350	350/180	2.5/10

BC PRO UPS

Anixter No.	Vendor No.	Capacity VA/watts	Run Time (Min.) Full/Half Load
196353	BCPRO600	600/345	5/17
196354	BCPRO1050	1,050/705	7/23
199224	BCPRO1400	1,400/900	8/24

Power Supplies and Protection

Tripp Lite

3-phase UPS Systems

TRIIPP LITE



Tripp Lite's 3-phase UPS systems provide state-of-the-art power protection for mission-critical systems. N + 1 modular design and 1 + 1 parallel capability provide increased efficiency and redundancy (select models). Self-contained, redundant power modules can be hot-swapped (with the load powered) if maintenance is required. True online, double conversion UPS with IGBT technology provides pure sine wave AC output at all times. High power density/small footprint cabinets save valuable space and simplify runtime scalability. Expandable runtime options with internal and external battery packs. Up to three communications ports, SNMPWEBCARD accessory slot and included PowerAlert software provide complete network management and control.

3-PHASE UPS SYSTEMS

Anixter No.	Vendor No.	Capacity VA/watts	Run Time (Min.) Full/Half Load
325339	SU20K3/3	20,000/16,000	5/13
325340	SU30K3/3	30,000/24,000	5/13
427461	SU40K	40,000/32,000	5.5/13

BATTERIES

Anixter No.	Vendor No.	Description	Capacity VA/watts
444075	SU60K	External battery models BP480V26B, BP480V40C	60,000/ 48,000
444076	SU80K	External battery models BP480V26B, BP480V40C	80,000/ 64,000

3-PHASE UPS DISTRIBUTION SYSTEMS

Anixter No.	Vendor No.	Description
427472	SUDC208V42P	Cabinet supports 20-60 kVA 3-phase UPS power distribution

Battery Packs and Accessories

TRIIPP LITE



Anixter No.	Vendor No.	Description
354992	BP24V28-2U	24 V external battery pack for OMNIVS1500XL SMART750XLA and SMART2200NET
279749	BP36V15-2U	36 V external battery pack for SMART1500RML2UA
250354	BP48V24-2U	48 V external battery pack for SU1500XL, SU2200XLA, SMART2200 VSXL and SMART3000 VS
250356	BP48V60RT-3U	48 V, 3U extended-run external battery pack for SMART2200RML2U, SMART2600RM2U, SMART3000RML2U, and SMART5000RT3U (expandable via daisy-chaining)
354995	BP72V15-2U	72 V external battery for SU3000XL
354996	BP192V12-3U	192 V, 3U external extended runtime battery pack for SU5000RT4U and SU6000RT4U (expandable via daisy-chaining)
265889	BP240V10RT-3U	240 V external long runtime battery module and cables
325347	SUPDM56HW	Detachable hardware power distribution unit for SU5000RT4U and SU6000RT4U only
279672	2-9USTAND	Pair of adjustable tower stands securely support single or multiple rack-mount UPS and battery packs in 2U to 9U widths
273267	2POSTRMKIT-WM	Kit to mount select 2U, 3U, and 4U UPS systems and batteries in two-post racks (or wall-mount - 2U only)
226560	SNMPWEBCARD	Internal management card connects UPS to network and allows UPS monitoring and control via SNMP, Web or Telnet
328626	ENVIROSENSE	Remotely monitors temperature, humidity and contact-closure inputs when used with SNMPWEBCARD